



State Water Resources Control Board

R02595



Alan C. Lloyd, Ph.D.
Agency Secretary

Office of Chief Counsel
1001 I Street, 22nd Floor, Sacramento, California 95814
P.O. Box 100, Sacramento, California 95812-0100
(916) 341-5161 ♦ FAX (916) 341-5199 ♦ <http://www.waterboards.ca.gov>

Arnold Schwarzenegger
Governor

January 30, 2006

CERTIFIED MAIL

Alameda County
FEB 03 2006
Environmental Health

Mr. Robert A. Lauritzen, R. G.
Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Drive, Suite 170
Rancho Cordova, CA 95670

Dear Mr. Lauritzen:

**PETITION OF MARIE SCHWIECKERT FOR REVIEW OF ALAMEDA COUNTY'S
CORRECTIVE ACTION DIRECTIVES AT 515 SOUTH LIVERMORE AVENUE,
LIVERMORE, CALIFORNIA: DISMISSAL OF PETITION
SWRCB/OCC FILE P05-225**

As you know, Gettler-Ryan Inc. submitted a petition dated May 31, 2005, to the State Water Resources Control Board on behalf of Marie Schwieckert. The petition sought review of further work that was being required by Alameda County as a result of the removal of an underground heating oil tank at the above-cited location. In a letter dated June 17, 2005, you requested that the petition be held in abeyance for six months.

In a letter dated January 6, 2006, Alameda County advised Ms. Schwieckert that the investigation and cleanup of the reported release at the subject site was complete and the underground storage tank case is now closed. Therefore, the petition that you filed on behalf of Ms. Schwieckert is now moot and is hereby dismissed.

If you have any questions about this matter, please contact Kathleen A. Keber at (916) 341-5184.

Sincerely,

Michael A.M. Lauffer
Chief Counsel

cc: See next page

cc: Mr. Jerry Wickham
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Ms. Marie Schweickert
3834 Inverness Way
Livermore, CA 94551

Mr. John Wolfenden [**via email only**]
San Francisco Bay Regional Water
Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Ms. Terry Brazell [**via email only**]
Division of Water Quality
State Water Resources Control Board
1001 I Street, 17th Floor [95814]
P.O. Box 100
Sacramento, CA 95812-0100

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

December 6, 2005

Ms. Marie Schweickert
3834 Inverness Way
Livermore, CA 94551

Subject: Fuel Leak Case No. [REDACTED] Schweickert Property, 515 South Livermore Avenue,
Livermore, CA

Dear Ms. Schweickert:

Alameda County Environmental Health (ACEH) and California Regional Water Quality Control Board staff have reviewed the fuel leak case file and case closure summary for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. Prior to issuance of a remedial action completion certificate, the monitoring wells at the site are to be properly destroyed, should the monitoring wells have no further use at the site. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office. A remedial action completion certificate will be issued following receipt of the documentation.

Well destruction permits may be obtained from the Zone 7 Water Agency (<http://www.zone7water.com>).

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: David Boyers, State Water Resources Control Board, Office of Chief Counsel, 1001 I Street,
22nd Floor, Sacramento, CA 95814
Kevin Graves, State Water Resources Control Board, Division of Water Quality, P.O. Box
2231, Sacramento, CA 95812
Julie Rose, McNichols Randick O'Dea & Tooliatos, LLP, 5000 Hopyard Road, Suite 400,
Pleasanton, CA 94588-3348
Robert Lauritzen, Gettler-Ryan Inc., 3140 Gold Camp Dr. #170, Rancho Cordova, CA 95670
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
Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)
Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. This e-government initiative is aimed at making our programs more effective and efficient. The electronic copy is intended to replace the need for a paper copy and is expected to be relied upon for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted as a **single portable document format (PDF) with no password protection**. (If you cannot submit in PDF format, please check with us to see if we can accommodate your report format).
- It is **preferable** that reports be converted to PDF format from their original format, (E.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **should** be included and **must** have either original or electronic signature. Alternatively, the paper copy of the signature page and perjury statement can be mailed separately.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted**. If you cannot comply with this you may continue to submit paper documents.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date
(e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

Submission Instructions

1. Obtain User Name and Password:
 - Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - a) Send an e-mail to dehloptoxic@acgov.org
or
 - b) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
 - In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for**.
 - Note: Both the User Name and Password are Case Sensitive.
2. Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+) or equivalent browser, go to <ftp://alcoftp1.acgov.org>
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password.
Note: Both are Case Sensitive.
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
3. Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail
 - Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org
(e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**.
(e.g., Subject: RO1234 Report Upload)

R02595



GETTLER - RYAN INC.

November 29, 2005

David Boyers
State Water Resources Control Board
Office of Chief Counsel
1001 I Street, 22nd Floor
Sacramento, California 95814

Subject: Extension for Petition Abeyance Request
Fuel Leak Case No. RO0002595
Schweickert Property
515 South Livermore Avenue
Livermore, California

Dear Mr. Boyers,

Gettler-Ryan Inc. (GR) on behalf of Marie Schweickert, previously submitted a petition (dated May 31, 2005) to the State Water Resources Board for review regarding the recent actions requested by Alameda County Environmental Health Services (Alameda County) at the above referenced site. On June 17, 2005 a request to hold the petition in abeyance for six months was submitted to the State Water Board. During this six month period, groundwater samples were collected on two occasions, and the analytical results were submitted to Alameda County. In the October 26, 2005 report, GR requested case closure. As of today, no written communication from Alameda County has been received by Ms. Schweickert. However in a phone call from the county case worker (Mr. Jerry Wickham) to me, Alameda County indicated that the case is in the closure process. At this time, GR on behalf Ms. Schweickert requests that the State Water Board continue to hold the petition in abeyance until written notification regarding the status of the case has been received from the county. If you have any comments or questions regarding this letter please call (916-631-1300).

Sincerely,
Gettler-Ryan Inc.

Robert A. Lauritzen
Robert A. Lauritzen, R.G. #7504
Senior Geologist

Cc: Mr. Jerry Wickham, Alameda County Environmental Health Services
Ms. Marie Schweickert

Alameda County
DEC 01 2005
Environmental Health

RO 2595

July 25, 2005

Subject: Perjury Statement

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.

Marie Schweickert

Marie Schweickert

Alameda County
AUG 13 2005
Environmental Health



GETTLER - RYAN INC.

June 28, 2005

Alameda County
JUL 01 2005
Environmental Health

Mr. Jerry Wickham
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Comments regarding ACEHS letter dated June 22, 2005
Fuel Leak Case No. RO0002595
Schweickert Property
515 South Livermore Avenue
Livermore, California

The following comments are in response to an ACEHS letter dated June 22, 2005 which was prepared in response to GR's petition abeyance on behalf of Marie Schweickert.

Comments:

July 2005 Groundwater Sampling parameters – In addition to TPH Diesel analysis each of the site piezometers will be analyzed for those parameters typically used to determine whether or not petroleum hydrocarbons (heating oil) beneath the site are undergoing natural attenuation including:

- | | |
|------------------|----------------|
| Dissolved oxygen | Methane |
| ORP | Carbon Dioxide |
| pH | Sulfide |
| Conductivity | Manganese |
| Temperature | Nitrate |
| Alkalinity | Sulfate |
| Ferrous Iron | |

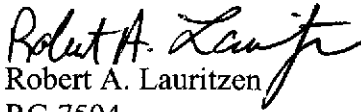
October 2005 Groundwater Sampling parameters: Each of the site piezometers will be analyzed for TPH Diesel only.

Schweickert residence
948207.04

If you should have any questions please call our Sacramento office at 916-631-1300.



Greg A. Gurss
Senior Project Manager



Robert A. Lauritzen
RG 7504

Cc: Marie Schweickert, 515 South Livermore Avenue, Livermore, CA 94550

R02595



State Water Resources Control Board



Alan C. Lloyd, Ph.D.
Agency Secretary

Office of Chief Counsel
1001 I Street, 22nd Floor, Sacramento, California 95814
P.O. Box 100, Sacramento, California 95812-0100
(916) 341-5161 ♦ FAX (916) 341-5199 ♦ <http://www.waterboards.ca.gov>

Arnold Schwarzenegger
Governor

Alameda County

JUN 27 2005

Environmental Health

June 23, 2005

Mr. Robert A. Lauritzen, R.G.
Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Drive, Suite 170
Rancho Cordova, CA 95670

Dear Mr. Lauritzen:

**PETITION OF MARIE SCHWIECKERT FOR REVIEW OF ALAMEDA COUNTY'S
CORRECTIVE ACTION DIRECTIVES AT 515 SOUTH LIVERMORE AVENUE,
LIVERMORE, CALIFORNIA: REQUEST TO HOLD PETITION IN ABEYANCE
SWRCB/DWQ FILE P05-225**

This will acknowledge receipt of your request to hold the above-referenced petition in abeyance for a period of six months. We are happy to hold the petition in abeyance in the hopes that the matter may be worked out between you and Alameda County (County). If, at the end of six months, no resolution of the matter has taken place, you may request that the State Water Resources Control Board (State Water Board) proceed with its review or continue to hold the petition in abeyance. We will, however, hold the petition in abeyance for no more than two years from the date the petition was received, June 2, 2005. If, by that time, no resolution of the matter has taken place or the matter has not become the subject of an active dispute, the petition will be dismissed without prejudice.

Please note the significance of the phrase "without prejudice." If, after the petition is dismissed, an actual dispute arises between you and the County, you may file a new petition with the State Water Board in accordance with the procedures described in State Board Resolution 88-23. Any issues relevant to that dispute, including but not limited to those raised in this petition, will be considered at that time in the same manner as if the petition were filed for the first time.

Please contact me at (916) 341-5182 or dboyers@waterboards.ca.gov if you have any questions or wish to discuss this matter.

Sincerely,

David M. Boyers

David M. Boyers
Staff Counsel

cc: Mr. Jerry Wickham
Alameda County
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Ms. Terry Brazell [**via email only**]
Division of Water Quality
State Water Resources Control Board
1001 I Street, 17th Floor [95814]
P.O. Box 100
Sacramento, CA 95812-0100

Lori Brock, Esq. [**via email only**]
Office of Chief Counsel
State Water Resources Control Board
1001 I Street, 22nd Floor [95814]
P.O. Box 100
Sacramento, CA 95812-0100

Mr. John Wolfenden [**via email only**]
San Francisco Bay Regional Water
Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO 2595

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

June 22, 2005

Ms. Marie Schweickert
3834 Inverness Way
Livermore, CA 94551

Subject: Fuel Leak Case No. RO0002595, Schweickert Property, 515 South Livermore Avenue, Livermore, CA

Dear Ms. Schweickert:

Alameda County Environmental Health (ACEH) will hold in abeyance for six months the actions and technical reports requested in our May 5, 2005 correspondence. In the interim, groundwater samples are to be collected from the six piezometers at the above referenced site in July and October 2005. The groundwater samples are to be analyzed for total petroleum hydrocarbons as diesel using EPA Method M8015. Based on the results from the groundwater monitoring an evaluation will be made by ACEH regarding the actions and technical reports requested in the May 5, 2005 correspondence.

We request that you perform the proposed work and send us the reports requested below.

TECHNICAL REPORT REQUEST

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

- **September 16, 2005** – Quarterly Monitoring Report for July 2005 Groundwater Sampling
- **December 16, 2005** – Quarterly Monitoring Report for October 2005 Groundwater Sampling

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.

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

cc: David Boyers, State Water Resources Control Board, Office of Chief Counsel, 1001 I Street,
22nd Floor, Sacramento, CA 95814
Kevin Graves, State Water Resources Control Board, Division of Water Quality, P.O. Box
2231, Sacramento, CA 95812
Julie Rose, McNichols Randick O'Dea & Tooliatos, LLP, 5000 Hopyard Road, Suite 400,
Pleasanton, CA 94588-3348
Robert Lauritzen, Gettler-Ryan Inc., 3140 Gold Camp Dr. #170, Rancho Cordova, CA 95670
Matt Katen, Zone 7 Water District, QIC 80201

Donna Drogos, ACEH
Jerry Wickham, ACEH



GETTLER-RYAN INC.

June 17, 2005

David Boyers
State Water Resources Control Board
Office of Chief Counsel
1001 I Street, 22nd Floor
Sacramento, California 95814

Environmental Health

JUN 21 2005

Alameda County

Subject: Petition Abeyance Request
Fuel Leak Case No. RO0002595
Schweickert Property
515 South Livermore Avenue
Livermore, California

Dear Mr. Boyers,

Gettler-Ryan Inc. (GR) on behalf of Marie Schweickert, previously submitted a petition (dated May 31, 2005) for review regarding the recent actions requested by Alameda County Environmental Health Services at the above referenced site. At this time GR on behalf of Marie Schweickert, is requesting the State Water Resources Control Board hold the previously submitted petition in abeyance for six months at which time a decision will be made to either withdraw or proceed with the petition. In the interim, GR will collect groundwater samples in July and October 2005 to further evaluate site conditions.

If you have any comments or questions regarding this letter please call (916-631-1300).

Sincerely,
Gettler-Ryan Inc.

Robert A. Lauritzen, R.G. #7504
Senior Geologist

Cc: Mr. Jerry Wickham, Alameda County Environmental Health Services
Ms. Marie Schweickert

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

June 10, 2005

Ms. Marie Schweickert
3834 Inverness Way
Livermore, CA 94551

Subject: Fuel Leak Case No. RC [REDACTED] Schweickert Property, 515 South Livermore Avenue,
Livermore, CA

Dear Ms. Schweickert:

A review of the case file and the State Water Resources Control Board's (SWRCB) GeoTracker website indicates that electronic copies of analytical data have not been submitted for your site. Since September 1, 2001, the California Code of Regulations, Title 23, Chapter 16, Article 12; Sections 2729 and 2729.1, specify that underground tank owners or their agent must submit all laboratory analytical data electronically to the SWRCB GeoTracker system via the internet. In addition to the laboratory analytical data, site-specific information is required to be submitted electronically for the following: 1) the latitude and longitude of groundwater monitoring wells (including any other well or permanent sampling point designated as part of the site monitoring program) accurate to within one meter; 2) the surveyed elevation, relative to mean sea level, for any groundwater monitoring well sampled, accurate to within a tenth of a foot; 3) groundwater information including depth to water, free product presence/thickness, and well status; and 4) a site map in electronic format showing property boundaries, buildings, and water sampling locations.

To initiate the submittal of electronic data to GeoTracker, you or your consultant are required to obtain a password by logging on to the State Water Board Web site at <http://geotracker.swrcb.ca.gov> and then clicking on Electronic Submittal of Information. The password is used by you or your consultant to upload the required analytical data into the GeoTracker database.

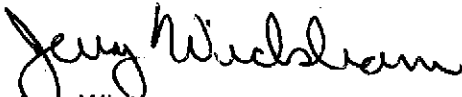
If you, as a Responsible Party, or your consultant, require assistance to obtain or use a password (or to submit data and maps electronically), you may call the GeoTracker help desk (1-800-506-9118). For eligible sites, the California Leaking Underground Storage Tank Cleanup Fund will cover the additional costs incurred by claimants for compliance with these regulations, to the extent that these costs are reasonable and necessary (as required by the Regulating Agency to assure adequate investigation or cleanup of a contaminated site).

In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001) and the required site-specific information, to the SWRCB's GeoTracker database website in accordance with the above-cited regulation. **Please perform the electronic submittals for applicable data and submit verification to this Agency by September 12, 2005.**

Ms. Marie Schweickert
June 10, 2005
Page 2

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

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

cc: Julie Rose, McNichols Randick O'Dea & Tooliatos, LLP, 5000 Hopyard Road, Suite 400,
Pleasanton, CA 94588-3348
Robert Lauritzen, Gettler-Ryan Inc., 3140 Gold Camp Dr. #170, Rancho Cordova, CA 95670
Matt Katen, Zone 7 Water District, QIC 80201
Donna Drogos, ACEH
Jerry Wickham, ACEH

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Thursday, May 19, 2005 4:14 PM
To: 'blauritzen@grinc.com'
Cc: 'jrose@mcnicholslaw.com'; Marie Schweickert (medilzer@earthlink.net)
Subject: clarifications

Bob,

I just wanted to provide two clarifications with regard to the additional site characterization and Corrective Action Plan (CAP) that was requested in our May 5 letter for the Schweickert property. Based on our telephone conversation of May 10, collection of a groundwater sample as described in the May 5, 2005 letter, from a location west of PZ-1 near the fence line will provide suitable data and is acceptable. As an additional clarification, the CAP will not need to include an evaluation of several technologies but instead should focus on the proposed plan for source area treatment. Please call me if you have any questions.

Thanks,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-6577
510-567-6791
jerry.wickham@acgov.org

5/19/2005

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO2595

ENVIRONMENTAL HEALTH SERVICES

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

May 5, 2005

Ms. Marie Schweickert
3834 Inverness Way
Livermore, CA 94551

Dear Ms. Schweickert:

Subject: Fuel Leak Case No. RO0002595, Schweickert Property, 515 South Livermore Avenue, Livermore, CA

Alameda County Environmental Health (ACEH) staff has recently reviewed the "Additional Subsurface Assessment Report at Marie Schweickert Property, 515 South Livermore Avenue, Livermore, California," dated February 23, 2005, and prepared by Gettler-Ryan, Inc. The report presented the results of a subsurface investigation conducted at 515 South Livermore Avenue in December 2004 and January 2005. The subsurface investigation was conducted in response to ACEH's letter dated March 5, 2004, which requested the preparation of a work plan. The scope of work for the Additional Subsurface Assessment was presented in the "Preferential Pathway Study and Workplan," dated May 11, 2004 and the "Workplan Addendum," dated November 3, 2004.

The site is within the Livermore Valley Groundwater Basin, which is an area where groundwater is actively used as a drinking water supply. Groundwater within the Livermore Groundwater Basin constitutes a valuable current and future resource. Groundwater in the area of the site is extracted by both domestic and municipal water supply wells. The nearest water supply well is a municipal supply well approximately 750 feet south of the site. A second municipal supply well is located approximately 1,600 feet north of the site. In addition, a domestic water supply well is located approximately 1,000 feet northwest of the site. Based on the reported hydraulic gradient for the site, groundwater is expected to flow in a west-northwest direction. However, water levels have been measured at the site only once; therefore, temporal variability in the hydraulic gradient has not been assessed. Subsurface soils encountered at the site include layers with significant sand and gravel content that are able to readily transmit groundwater and groundwater contaminants.

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

TECHNICAL COMMENTS

1. **Site Characterization.** Based on the results of soil and groundwater sampling conducted to date at the site, fuel oil from a former 350-gallon underground storage tank (UST) has been released to soil and groundwater at the site. The maximum concentration of total petroleum hydrocarbons as diesel (TPHd) detected in soil was 2,200 milligrams per kilogram (mg/kg). The maximum concentration of TPHd detected in groundwater was 100,000 micrograms per liter ($\mu\text{g/L}$). TPHd was detected in groundwater samples from each of the six piezometers installed at the site. TPHd has been detected in soil to the maximum depth of the soil boring beneath the former UST (65 feet below ground surface [bgs]). No groundwater samples have been collected below a depth of 50 feet bgs at the site.

Lateral Extent of Soil and Groundwater Contamination - We agree with the conclusion that significant soil contamination detected to date is limited to the area of the former UST. Based on the existing data from soil borings and piezometers at the site, we believe that the lateral extent of soil and groundwater contamination has been sufficiently characterized.

Additional Work - The report discusses four additional soil borings near the source area that would include collection of grab groundwater samples at depths of 40 to 45 feet bgs and 65 to 70 feet bgs. At this time, we are not requiring additional lateral delineation of soil or groundwater contamination at the site. However, we request that the vertical extent of TPHd be further defined in the source area adjacent to PZ-1. Therefore, we request that one boring be drilled adjacent to PZ-1 and a depth discrete groundwater sample be collected from a depth of 65 to 70 feet bgs. Please include the results from the depth discrete groundwater sampling in the corrective action plan (CAP) requested below.

2. **Source Area Treatment.** We request source area treatment to reduce concentrations of TPHd in groundwater to acceptable levels. This work can be accomplished by an in-situ method using an additional soil boring or borings in the area of existing piezometer PZ-1. The groundwater treatment must target all vertical zones containing significant concentrations of TPHd. Therefore, the results of the additional boring and depth discrete groundwater sample to be collected at 65 to 70 feet bgs needs to be considered as well as all previous soil and groundwater sampling results. Describe your plan for this work in the CAP requested below. Also, identify your cleanup levels to be achieved by the source area treatment and cleanup goals to be achieved within a reasonable time frame.

3. **Verification Sampling.** Following the source area treatment, please conduct verification sampling to demonstrate that concentrations of TPHd in groundwater in the source area have decreased. In addition to verification sampling to demonstrate the effectiveness of treatment within the source area, we request that groundwater samples be collected and analyzed from all monitoring wells on site. Please evaluate the time period that will be required by the source area treatment to achieve reductions in groundwater concentrations within the source area. Based on this evaluation, propose an appropriate date to conduct the verification sampling to demonstrate the effectiveness of the source area treatment. Include your plan for verification sampling in the CAP requested below.

4. **Groundwater Elevations and Hydraulic Gradient.** Only one groundwater level measurement event has taken place at the site to date. Therefore, we request that groundwater levels be measured in all existing piezometers during a minimum of two additional water level

measurement events. If the measured groundwater elevations indicate that the hydraulic gradient at the site is towards a direction other than to the northwest, please provide an analysis of the source of variable hydraulic gradients at the site.

TECHNICAL REPORT REQUEST

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

- **July 7, 2005** – CAP for Source Area Treatment and Verification Sampling
- **To Be Determined** – Request for Closure (to include results of verification sampling)

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.

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.

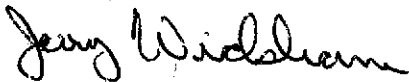
Ms. Marie Schweickert
May 5, 2005
Page 4

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

cc: Julie Rose, McNichols Randick O'Dea & Tooliatos, LLP, 5000 Hopyard Road, Suite 400,
Pleasanton, CA 94588-3348
Robert Lauritzen, Gettler-Ryan Inc., 3140 Gold Camp Dr. #170, Rancho Cordova, CA 95670
Donna Drogos, ACEH
Jerry Wickham, ACEH



McNICHOLS RANDICK
O'DEA & TOOLIATOS LLP
ATTORNEYS AT LAW

April 11, 2005

Ms. Roseanna E. Garcia-La Grille
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES
APR 12 2005
250 HARBOR BAY PARKWAY SUITE 250
ALAMEDA, CA 94502-6577

Re: RO0002595, Fuel Leak Investigation, 515 S. Livermore Avenue, Livermore, CA/S1056.001

Dear Garcia-La Grille

I represent Ms. Marie Schweickert, owner and responsible party of the above-referenced property. I have been advising her for the last year and a half on several issues related to the removal of the home fuel tank and her inability to sell the property until the contamination issue is fully resolved. Ms. Schweickert is now in a position where she needs to place this property on the market and sell it as soon as possible. Ms. Schweickert is 80 years old, living on a fixed income and paying the costs and upkeep on two residences. This project is causing a substantial drain on her resources.

At your very earliest convenience, Ms. Schweickert and I would like to meet with you, along with Ms. Schweickert's son and Robert Lauritzen of Gettler Ryan, to discuss the findings presented in the February 23, 2005, Gettler Ryan report and to plan and agree upon the next step that will be required to get closure on this site. I think that this meeting will be very productive in that everyone will be present and will understand exactly what is required and the time frame involved.

I would appreciate it if you would contact me at the number below so that we could select several possible dates that we could meet. Your prompt attention to this matter is appreciated.

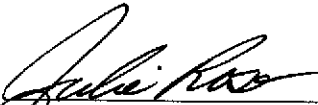
Ms. Roseanna E. Garcia-La Grille
April 11, 2005
Page 2

Thank you in advance for your cooperation in this matter.

Very truly yours,

McNICHOLS RANDICK O'DEA & TOOLIATOS, LLP

By



Julie M. Rose

JMR/fvg

cc: Ms. Schweickert
Ms. D. Drogos
Mr. A. Levi
Mr. Robert A. Lauritzen

Garcia-La Grille, Roseanna, Env. Health

From: Bob Lauritzen [blauritzen@grinc.com]
Sent: Thursday, February 10, 2005 9:21 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: Schweickert Report

Hi Roseanna,

We just received survey data for the piezometers installed at Marie's place so our report which was due on the 11th of February will be in your office no later than 18th of February. Please let me know if you have any questions or comments.

Thanks,

*Robert Lauritzen, R.G.
Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Dr. #170
Rancho Cordova, CA 95670*

*916-631-1300 x18(o)
916-631-1317 (f)
916-240-4626 (c)*

Garcia-La Grille, Roseanna, Env. Health

From: Bob Lauritzen [blauritzen@grinc.com]
Sent: Wednesday, January 12, 2005 9:58 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: Schweickert - Additional groundwater sample collection



Schweicket-Add'
I-gw-loc.PDF

Roseanna,

This is to confirm our conversation earlier today regarding a preliminary review of the results from Phase I of our subsurface assessment at Marie Schweickert's property. During our meeting Alameda County requested that GR collect additional grab groundwater samples at depths that would provide additional information in defining the extent of heating oil contamination in the source area near Borings B-2 and B-3.

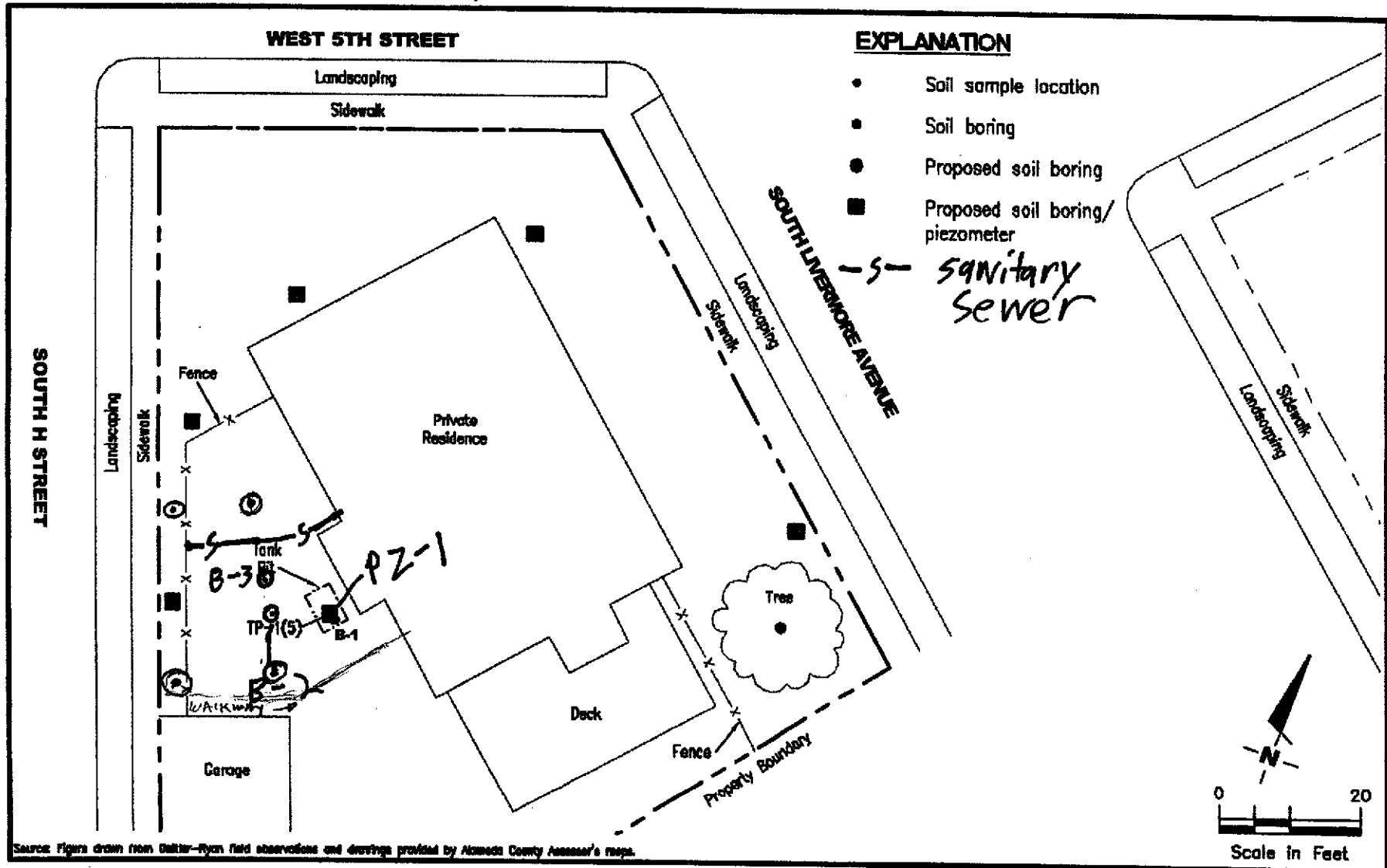
Thanks,

*Robert Lauritzen, R.G.
Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Dr. #170
Rancho Cordova, CA 95670*

*916-631-1300 x18(o)
916-631-1317 (f)
916-240-4626 (c)*

Additional Hydropunch/Geoprobe Locations (4)

40-45 feet } 2 per hole.
65 feet }



Source: Figures drawn from Gettler-Ryan field observations and drawings provided by Alameda County Assessor's maps.

GETTLER - RYAN INC.
 8747 Sierra Ct., Suite J
 Dublin, CA 94568 (825) 551-7555

SITE PLAN
 Marie Schweickert Property
 515 South Livermore Avenue
 Livermore, California

FIGURE
2

PROJECT NUMBER 948209.3	REVIEWED BY	DATE 11/04	REVISED DATE
----------------------------	-------------	---------------	--------------

Garcia-La Grille, Roseanna, Env. Health

From: Bob Lauritzen [blauritzen@grinc.com]
Sent: Monday, January 10, 2005 8:06 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: RE: Schweickert - Phase I Results

Hi Roseanna,

We are scheduled to drill and sample the second phase of work at the Schweickert residence this week. Please send me a response regarding whether or not the county concurs with our workplan for the remaining borings.

*Thanks,
Robert Lauritzen*

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

*From: Garcia-La Grille, Roseanna, Env. Health
[mailto:roseanna.garcia-lagrille@acgov.org]
Sent: Monday, January 03, 2005 11:03 AM
To: 'Bob Lauritzen'
Subject: RE: Schweickert - Phase I Results*

Thanks!

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

*From: Bob Lauritzen [mailto:blauritzen@grinc.com]
Sent: Monday, January 03, 2005 10:57 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: RE: Schweickert - Phase I Results*

Boring Logs attached.

Bob

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

From: Garcia-La Grille, Roseanna, Env. Health

[mailto:roseanna.garcia-lagrange@acgov.org]
Sent: Monday, January 03, 2005 10:51 AM
To: 'Bob Lauritzen'
Subject: RE: Schweickert - Phase I Results

Hi Bob,
Thank you for the results of the initial investigation. Can you please email or fax me the draft boring logs from this sampling?

Thank you!
Roseanna

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

From: Bob Lauritzen [mailto:blauritzen@grinc.com]
Sent: Thursday, December 30, 2004 9:02 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: Schweickert - Phase I Results

Roseanna,
Attached are the results of the first phase of our investigation at the Schweickert residence for your review. As you can see detectable concentrations of TPH-D were found in soil samples at the bottom of each boring we drilled. This depth of 65 to 70 feet is the maximum depth that the Geoprobe equipment can reach in this area. Water samples were collected from 40 to 45 feet from each of these borings. At this time, we recommend completing our proposed scope of work by continuing to drill and sample to 65 or 70 feet unless directed otherwise by the Alameda County Environmental Health Department. We are scheduled to start the second phase of work on 1/13/05 so a quick response would be appreciated.

Thanks,

Robert Lauritzen, R.G.
Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Dr. #170



State Water Resources Control Board



Terry Tamminen
Secretary for
Environmental
Protection

Division of Financial Assistance
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Arnold Schwarzenegger
Governor

DEC - 6 2004

Marie Schweickert
Robert Lauritzen Gettler-Ryan
515 Livermore Ave S
Livermore, CA 94550-4755

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NO. 018037, FOR
SITE ADDRESS: 515 LIVERMORE AVE S, LIVERMORE

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$20,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

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

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. If you have any questions about obtaining preapproval of your costs or the three bid requirement, please call Sunil Ramdass, our Technical Reviewer assigned to claims in your Region, at (916) 341-5757. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

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

Reimbursement Request Instructions and Information packages. **Retain these packages for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988.

"Reimbursement Request" forms which you **must use to request reimbursement of costs incurred.**

"Spreadsheet" forms which you **must use in conjunction with your reimbursement request.**

THIS IS IMPORTANT TO YOU, PLEASE NOTE:
Signature(s) on the application will be the signature(s) required for all future Fund documents.

Marie Schweickert

-2-

Alameda County
DEC 10 2004
Environmental Health

You have 90 calendar days from the date of this letter to submit your first reimbursement request for incurred corrective action costs. **NO EXTENSIONS CAN BE GRANTED.** If you fail to do so, your LOC funds will automatically be reduced to zero (deobligated). Once this occurs, any future funds for this site are subject to availability when you submit your first reimbursement request. We continuously review the status of all active claims. You must continue to remain in compliance and submit a reimbursement request every 6 months. Failure to do so will result in the Fund taking steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Toru Okamoto at (916) 341-5649.

Sincerely,



Allan V. Patton, Manager
Underground Storage Tank Cleanup Fund

Enclosures

cc: Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

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 5, 2004

Ms. Marie Schweickert
3834 Inverness Way
Livermore, CA 94551

Dear Ms. Schweickert:

Subject: Fuel Leak Investigation, Case No. RO0002595, 515 S. Livermore Avenue, Livermore, CA

Thank you for submitting the "Work Plan Addendum," dated November 3, 2004, prepared by Gettler-Ryan Inc. We generally concur with the proposed work and schedule. Please submit a soil and groundwater investigation report documenting the results of your work by **January 28, 2005**.

If you have any questions, please call me at (510) 777-2149.

Sincerely,

Roseanna E. Garcia - La Grille
Hazardous Materials Technician

cc: Mr. Robert A. Lauritzen, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
D. Drogos, R. Garcia - La Grille

Garcia-La Grille, Roseanna, Env. Health

To: medilzer@earthlink.net
Subject: Acceptance of Work Plan

*Hello Ms. Schweikert,
Attached is the work plan acceptance letter that I am mailing to you and Bob Lauritzen.*

Please let me know if you have any questions.

Thank you!

**Roseanna E. Garcia-La Grille
Hazardous Materials Technician
Alameda County Dept. of Environmental Health
1131 Harbor Bay Pkwy., Room 250
Alameda, CA 94502-6577
(510) 777-2149
Fax (510) 337-9335
Roseanna.Garcia-LaGrille@acgov.org**

11/5/2004

Garcia-La Grille, Roseanna, Env. Health

From: Garcia-La Grille, Roseanna, Env. Health
Sent: Wednesday, October 27, 2004 10:23 AM
To: 'medilzer@earthlink.net'
Cc: Drogos, Donna, Env. Health
Subject: RE: Schweickert Residence

Hello Ms. Schweikert,

Here is a copy of our response letter that I put in the mail to you today to the 515 S. Livermore Avenue address.

If you prefer correspondences to go to another address, please let me know.

Thank you for your patience,

Roseanna

Roseanna E. Garcia-La Grille
Hazardous Materials Technician
Alameda County Dept. of Environmental Health
1131 Harbor Bay Pkwy., Room 250
Alameda, CA 94502-6577
(510) 777-2149
Fax (510) 337-9335
Roseanna.Garcia-LaGrille@acgov.org

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, 2004

Ms. Marie Schweickert
515 S. Livermore Avenue
Livermore, CA 94550

Dear Ms. Schweickert:

Subject: Fuel Leak Investigation, Case No. RO0002595, 515 S. Livermore Avenue, Livermore, CA

Thank you for submitting the "Preferential Pathway Study and Work Plan," dated May 11, 2004, prepared by Gettler-Ryan Inc. We have reviewed the report and request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below. We recommend that your consultant call us to address the technical comments below and finalize the plan for work.

TECHNICAL COMMENTS

1. Source Area – The work plan does not propose to determine the lateral and vertical extent of source area contamination. Boring B-1 was completed to 50 feet bgs. Although soil contamination was present to at least 40' bgs, soil samples below 40 feet bgs were not analyzed, leaving the vertical extent of source area contamination undefined. Also, soil sampling was not performed to depths sufficient to determine whether submerged non-aqueous phase liquid (NAPL) is present in the source area. Residual pollution including NAPL could be present at the site particularly if historic water levels were lower at the site (such as in periods of drought, increased groundwater pumping, etc.) resulting in submerged source areas that can continue to add mass to the plume. Depth to groundwater can fluctuate significantly in this area of Livermore and there is a potential for submerged contamination at this site. To appropriately evaluate your site, make decisions regarding the need for cleanup or lack thereof, and progress toward case closure the extent source area contamination needs to be determined. We recommend that you install a minimum of two borings at your former UST location. Please have your consult submit a revised boring location map (sketched and by fax is sufficient).

2. Lateral Definition - Gettler-Ryan proposes off-site upgradient, downgradient, and cross-gradient boring locations to identify the lateral and vertical extent of soil contamination (in locations up to 85' away) and the lateral extent of groundwater contamination at the water table.

Analysis of groundwater samples from borings placed downgradient at these distances may potentially provide information on the character of dissolved contaminant plumes emanating from your source. However, we would not concur with the volume of soil analysis at the distal locations as proposed by Gettler-Ryan without first identifying the lateral and vertical extent of residual soil pollution at the source area. In general the lateral extent of soil contamination can be limited at petroleum release sites (neglecting instances of catastrophic releases) and this is typically verified in the field with source area sampling.

Additionally, we note that borings identified to be converted to temporary piezometers, which Gettler-Ryan proposes be subsequently sampled and groundwater analyzed to provide water quality information, are all located upgradient and cross-gradient of the source area at your site. Additional groundwater data from these locations would not likely provide information to evaluate dissolved contamination plume(s) emanating from the residual pollution at your site.

Therefore, rather than installing the piezometers along S. Livermore Ave, the borings on W. 5th St. and S. H St.

and the optional boring, we recommend that borings be installed perpendicular to the regional groundwater gradient in the vicinity of the un-numbered boring at the fence. We recommend that the temporary piezometer locations be adjusted accordingly. Please have your consultant submit a revised boring location map (sketched and by fax is sufficient).

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Ms. Roseanna Garcia-La Grille), according to the following schedule:

November 9, 2004 - Revised map of boring and piezometer location Map (sketched and by fax is sufficient)

January 9, 2005 – Soil and Water Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2722-2778 outlines the responsibilities of a responsible party for an unauthorized release from a UST system, and require your compliance with this request.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to this office 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

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.

If you have any questions, please call Ms. Roseanna Garcia-La Grille at (510) 777-2149.

Sincerely,



Roseanna E. Garcia - La Grille
Hazardous Materials Technician

cc: Mr. Robert A. Lauritzen, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
D. Drogos, R. Garcia - La Grille

3834 Inverness Way
Livermore, CA 94551
Oct. 19, 2004

Mrs. Arin Levi, Chief
Contract Project Dir.
ACPLS
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Dear Mrs. Levi,

Re: Record ID R0002595
Marie Schweickert Property
515 S. Livermore Ave., Livermore, CA.

I have called you 10/12/04, 10/18/04 am + pm,
and again today on the above case. I
left my phone number for you to call me.

The above case has been pending since last
October (2003). Bettler-Ryan has sent your
department the results of the work you
requested. It is dated May 11, 2004. I
still have no "letter of closure" so I can
sell my house.

This house has been vacant since 12/14/03,
which is 10 months.

I have had to take out a second loan to
pay my expenditures for the last year,
since I don't have the money from the
sale of my house.

It is urgent that you resolve this case.

May I have an appointment with you?
(925) 447-2532

Sincerely,
Marie Schweickert



ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

**CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
& LOCAL OVERSIGHT PROGRAM (LOP)**

1131 HARBOR BAY PARKWAY, SUITE 250, ALAMEDA, CA 94502-6577
MAIN LINE (510) 567-6700 FAX (510) 337-9335

FAX COVER SHEET

DATE: OCT 11 2004

TO: SHARI KNIERIEM 916-341-5806

FROM: ROSEANNA GARCIA - LA GRILLE (510) 777-2149

TOTAL PAGES INCLUDING THIS COVER SHEET: 2

HI SHARI,

HERE IS THE CONFIRMATION OF CORRECTIVE
ACTION COMPLIANCE FOR MARIE SCHWEICKERT
AT 515 S. LIVERMORE AVENUE IN LIVERMORE.

PLEASE LET ME KNOW IF YOU HAVE ANY
QUESTIONS.

Thanks!

Roseanna

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
056	916 341 5805	10-11 15:37	01'01	02/02	OK		

7459402045



ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

**CERTIFIED UNIFIED PROGRAM AGENCY (CUPA)
& LOCAL OVERSIGHT PROGRAM (LOP)**

1131 HARBOR BAY PARKWAY, SUITE 250, ALAMEDA, CA 94502-6577
MAIN LINE (510) 567-6700 FAX (510) 337-9335

FAX COVER SHEET

DATE: OCT 11 2004

TO: SHARI KNIERIEM

FROM: ROSEANNA GARCIA - LA GRILLE (510) 777-2149

TOTAL PAGES INCLUDING THIS COVER SHEET: 2

Hi SHARI,

HERE IS THE CONFIRMATION OF CORRECTIVE
ACTUAL COMPLIANCE FOR MARIE SCHWEICKERT

CLAIM NO.: 018037

CLAIMANT NAME: MARIE SCHWEICKERT

SITE ADDRESS: 515 LIVERMORE AVE S, LIVERMORE

Roseanna

DATE	COMPLIANCE DOCUMENTATION (CONTINUED)
7/03	350 gallon heating oil UST removed from the above residence - samples collected
10/03	Cnty Ltr - submit WKPL - due 11/27/03
3/15/04	Cnty Ltr - Reviewed Limited Subsurface Assessment Report - Request that the proposed work be performed - submit technical reports.
9/22/04	Review at Cnty - NO evidence that the above proposed work plan was performed nor the technical reports rec'd. - WP REVIEWED BY ACEH & REVIEW PENDING.

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE

- Claimant in corrective action Compliance.
- Claimant not in corrective action compliance (90 day letter required).
- Claimant not in corrective action compliance - rejection recommended.

Roseanna G. J. J. J.
 LEAD AGENCY SIGNATURE

Shah Khierem
 CLAIMS REVIEWER SIGNATURE

10/11/04
 DATE

9/22/04
 DATE

384 Inverness Way
Livermore, CA 94551
Oct. 4, 2004

Ganna Drogor, PE
Alameda County Environmental Health Dept.
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Ms. Drogor:

Re: Fuel Leak R00002595
515 So. Livermore Ave.
Livermore, CA 94550

Alameda County
UL 0 8 2004
Environmental Health Dept.

May I please have closure on the above
site?

I recently had to apply for a second
loan from my bank. (I am waiting
approval.) I cannot handle all the
extraordinary expenses resulting from
this year's delay on the above.

I desperately need the money from
the sale of my house to pay my bills.

Sincerely,

Marie Schweickert

3834 Inverness St
Livermore, CA 94551
Sept. 2, 2004

Ms Donna Progre
ACEHT
1131 Harbor Bay Parkway
Alameda, CA 94502

RECEIVED
SEP 07 2004
LIVERMORE POST OFFICE

Dear Ms Progre:

Re: P0002595 Fuel Leak Investigation
515 S. Livermore Ave., Livermore, CA

The above house has been vacant for almost 2 months. Neighbors and friends are helping by watching for vandalism.

I now have to make important decisions on this.

May I please have a date when I can expect a letter of clearance on this property?

Thank you.

Sincerely,

Marie Schweickert

medtzer@earthlink.net

(925) 447-2532

Garcia-La Grille, Roseanna, Env. Health

From: Garcia-La Grille, Roseanna, Env. Health
Sent: Wednesday, April 21, 2004 10:02 AM
To: 'Bob Lauritzen'
Subject: RE: Schweickert residence

Hi Bob,

Per our phone conversation, the report and work plan for the Schweickert property will be due on May 14, 2004.

Please call me if you have any questions.

Roseanna

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

*From: Bob Lauritzen [mailto:blauritzen@grinc.com]
Sent: Monday, April 12, 2004 2:44 PM
To: Rgarcia2@co.alameda.ca.us
Subject: Schweickert residence*

Roseanna,

This is to notify you that our work on the utility and well surveys for the above referenced site is in progress and is expected to be completed in a couple of weeks. Our report and work plan will be completed and submitted to Alameda County no later than May 16, 2004. Please call if you have any questions or comments.

Robert Lauritzen, R.G.

Senior Geologist

Gettler-Ryan Inc.

3140 Gold Camp Dr. #170

Rancho Cordova, CA 95670

916-631-1300 (o)

916-631-1317 (f)

916-240-4626 (c)



State Water Resources Control Board



Terry Tamminen
Secretary for
Environmental
Protection

Division of Financial Assistance
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 ♦ FAX (916) 341-5806 ♦ www.swrcb.ca.gov/cwphome/ustof

Arnold Schwarzenegger
Governor

Marie Schweickert
Robert Lauritzen Gettler-Ryan
515 Livermore Ave S
Livermore, CA 94550-4755

April 13, 2004

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), NOTICE OF ELIGIBILITY DETERMINATION: CLAIM NUMBER 018037; FOR SITE ADDRESS: 515 LIVERMORE AVE S, LIVERMORE

Your claim has been accepted for placement on the Priority List in Priority Class "A" with a deductible of \$0.00.

We have completed our initial review. The next step in the claim review process is to conduct a compliance review.

Compliance Review: Staff reviews, verifies, and processes claims based on the priority and rank within a priority class. After the Board adopts the Priority List, your claim will remain on the Priority List until your Priority Class and rank are reached. At that time, staff will conduct an extensive Compliance Review at the local regulatory agency or Regional Water Quality Control Board. During this Compliance Review, staff may request additional information needed to verify eligibility. Once the Compliance Review is completed, staff will determine if the claim is valid or must be rejected. If the claim is valid, a Letter of Commitment will be issued obligating funds toward the cleanup. If staff determine that you have not complied with regulations governing site cleanup, you have not supplied necessary information or documentation, or your claim application contains a material error, the claim will be rejected. In such event, you will be issued a Notice of Intended Removal from the Priority List, informed of the basis for the proposed removal of your claim, and provided an opportunity to correct the condition that is the basis for the proposed removal. Your claim will be barred from further participation in the Fund, if the claim application contains a material error resulting from fraud or intentional or negligent misrepresentation.

Record keeping: During your cleanup project you should keep complete and well organized records of all corrective action activity and payment transactions. If you are eventually issued a Letter of Commitment, you will be required to submit: (1) copies of detailed invoices for all corrective action activity performed (including subcontractor invoices), (2) copies of canceled checks used to pay for work shown on the invoices, (3) copies of technical documents (bids, narrative work description, reports), and (4) evidence that the claimant paid for the work performed (not paid by another party). These documents are necessary for reimbursement and failure to submit them could impact the amount of reimbursement made by the Fund. *It is not necessary to submit these documents at this time; however, they will definitely be required prior to reimbursement.*

Compliance with Corrective Action Requirements: In order to be reimbursed for your eligible costs of cleanup incurred after December 2, 1991, you must have complied with corrective action requirements of Article 11, Chapter 16, Division 3, Title 23, California Code of Regulations. Article 11 categorized the corrective action process into *phases*. In addition, Article 11 requires the responsible party to submit an

California Environmental Protection Agency



investigative workplan/Corrective Action Plan (CAP) before performing any work. This phasing process and the workplan/CAP requirements were intended to:

1. help the responsible party undertake the necessary corrective action in a cost-effective, efficient and timely manner;
2. enable the regulatory agency to review and approve the proposed cost-effective corrective action alternative before any corrective action work was performed; and
3. ensure the Fund will only reimburse the most cost-effective corrective action alternative required by the regulatory agency to achieve the minimum cleanup necessary to protect human health, safety and the environment.

In some limited situations *interim cleanup* will be necessary to mitigate a demonstrated immediate hazard to public health, or the environment. Program regulations allow the responsible party to undertake interim remedial action after: (1) notifying the regulatory agency of the proposed action, and; (2) complying with any requirements that the regulatory agency may set. Interim remedial action should only be proposed when necessary to mitigate an immediate demonstrated hazard. *Implementing interim remedial action does not eliminate the requirement for a CAP and an evaluation of the most cost-effective corrective action alternative.*

Three bids and Cost Preapproval: Only corrective action costs required by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. You must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. *If you do not obtain three bids or a waiver of the three bid requirement, reimbursement is not assured and costs may be rejected as ineligible.*

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

cc: Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

STATE OF CALIFORNIA - THE RESOURCES AGENCY

GRAY DAVIS, Governor

DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT
3251 S Street
Sacramento, CA 95816
(916) 227-7832
(916) 227-7600(Fax)

NORTHERN DISTRICT
2440 Main Street
Red Bluff, CA 96080
(530) 529-7300
(530) 529-7322 (Fax)

SAN JOAQUIN DISTRICT
3374 East Shields Avenue
Fresno, CA 93726
(559) 230-3300
(559) 230-3301 (Fax)

SOUTHERN DISTRICT
770 Fairmont Avenue
Glendale, CA 91203
(818) 543-4600
(818) 543-4604 (Fax)

WELL COMPLETION REPORT RELEASE AGREEMENT--AGENCY
(Government and Regulatory Agencies and their Authorized Agents)

Project/Contract No. Schweickert Residence County Alameda

Township, Range, and Section T35 R1E Sec. 16 Radius 1/2 mile
(Must include entire study area and a map that shows the area of interest.)

Under California Water Code Section 13752, the agency named below requests permission from Department of Water Resources to inspect or copy, or for our authorized agent named below to inspect or copy, Well Completion Reports filed pursuant to Section 13751 to (check one):

Make a study, or,

Perform an environmental cleanup study associated with an unauthorized release of a contaminant within a distance of 2 miles.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public without written authorization from the owner(s) of the well(s). The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped **CONFIDENTIAL** and shall be kept in a restricted file accessible only to agency staff or the authorized agent.

Geoffrey P. Risse
Authorized Agent

3140 Gold Camp Dr Ste 170
Address

Rancho Cordova, CA 95670
City, State, and Zip Code

Signature Geoffrey P. Risse

Title Project Geologist

Telephone (916) 631-1300x12

Fax (916) 631-1317

Date 3/22/04

E-mail grisse@grinc.com

ALAMEDA COUNTY DEPT. OF ENVIRONMENTAL HEALTH
Government or Regulatory Agency

1131 HARBOR BAY PKWY.
Address

ALAMEDA, CA 94502
City, State, and Zip Code

Signature Roseanna Garcia-Lagrange

Title HAZARDOUS MATERIALS TECHNICIAN

Telephone (510) 777-2149

Fax 510 337-9335

Date 3/23/04

E-mail roseanna.garcia-lagrange@acgov.org

6 June 2001

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

F A C S I M I L E C O V E R S H E E T

To: GEOFFREY RISSE

From: ROSEANNA GARCIA-LA GRILLE

Date: 3/23/04

Notes: Here is the form you requested.

Thanks!
Roseanna

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ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

F A C S I M I L E C O V E R S H E E T

To: GEOFFREY RISSE

From: ROSEANNA GARCIA-LA GRILLE

Date: 3/23/04

Notes: Here is the form you requested.

Garcia-La Grille, Roseanna, Env. Health

To: grisse@grinc.com

Subject: Article

Hi Geoffrey,

Here is that article that Donna wanted me to send to you and Bob. Would you please forward it on to Bob too?

Thank you!

Roseanna E. Garcia-La Grille
Hazardous Materials Technician
Alameda County Dept. of Environmental Health
1131 Harbor Bay Pkwy., Room 250
Alameda, CA 94502-6577
(510) 777-2149
Fax (510) 337-9335
Roseanna.Garcia-LaGrille@acgov.org

GETTLER - RYAN INC.

3140 GOLD CAMP DRIVE, SUITE 170
RANCHO CORDOVA, CALIFORNIA 95670
PHONE: (916) 631-1300
FAX: (916) 631-1317

E

To: Rosanna Garcia-Lagille From: Geoffrey D. Risse

Of Alameda County Environmental Health Of Gettler-Ryan Inc.

Fax: (510) 777-337-9335 Pages: 1 + coverpage

Phone: (510) 777-2149 Date: 3/22/04

Re: Schweickert Residence CC:

Well Completion Report Release

Agreement

Urgent For Review Please Comment Please Reply Please Recycle

● Comments:

Rosanna,

Please complete the required information on the attached DWR Well Completion Report Release Agreement and fax the form back to me. My fax number is (916) 631-1317.

If you have any questions, please feel free to contact me at 916.631.1300x12 or by email at grisse@grinc.com.

Alameda County
MAR 12 2004
Environmental Health

515 S. Livermore Avenue
Livermore, Ca 94550
March 9, 2004

Richard Flores
RE/MAX Realty Group
1686 Second Street
Livermore, CA 94550

Dear Richard,

It appears that the Alameda County Health Care Services Agency has had many phone calls from realtors, and others, about my property at the above address on the aftermath of the fuel oil tank removal.

While resolving this problem I would appreciate all the contacts on this matter be made through me.

Thank you.

Sincerely,



Marie Schweickert

Cc: D. Drogos

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

March 5, 2004

Ms. Marie Schweickert
515 S. Livermore Avenue
Livermore, CA 94550

Dear Ms. Schweickert:

Subject: RO0002595, Fuel Leak Investigation, 515 S. Livermore Avenue, Livermore, CA

Thank you for submitting the Limited Subsurface Assessment Report dated December 5, 2003, prepared by Gettler-Ryan Inc. We have reviewed the report and request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. **Site Characterization** - The lateral and vertical extent of soil and groundwater contamination at your site is undefined. Analytical results from your preliminary site investigation identified the presence of residual petroleum hydrocarbon contamination in soil and groundwater at your site. Up to 100,000 parts per billion (ppb) TPHD was detected in groundwater beneath your former underground storage tank (UST). Soil contamination of up to 2,000 parts per million (ppm) TPHD at 30 feet below ground surface (bgs) and 350 ppm TPHD at 40 feet bgs was detected immediately beneath your former UST. The boring was completed to 50 feet bgs, however soil samples below 40 feet bgs were not analyzed leaving the vertical extent of source area contamination undefined. Also, soil sampling was not performed to depths sufficient to determine whether submerged non-aqueous phase liquid (NAPL) is present in the source area. Additional investigation work to determine the lateral and vertical extent of soil and groundwater contamination at your site is needed to progress toward case closure.

Using the results of your Preferential Pathway Study, including your analysis and interpretation of the potential risk posed by your site, requested in Technical Comment #2 below, please submit a work plan for further site characterization by the date requested below.

2. **Preferential Pathway Study** - Your site is located within an active drinking water aquifer. Several water supply wells appear to be present in the immediate vicinity of your site. At least one water supply well is located approximately 660' downgradient of your site.

We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site. The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of any plumes originating at the site encountering preferential pathways and conduits that could spread contamination. Of particular concern is the identification of abandoned wells and improperly-destroyed wells that can act as vertical conduits to deeper water bearing zones, pumping wells in the vicinity of your site, and manmade conduits for shallow migration.

Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed well survey and utility survey requested below) and report your results in the work plan requested below. Include an evaluation of the probability of the dissolved phase plume for all constituents of concern encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper drinking water aquifers. The results of your study shall contain all information required by 23 CCR, Section 2654(b).

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

b) **Well Survey** - The preferential pathway study shall include a detailed well survey of all wells (monitoring and production), active, inactive, standby, destroyed (sealed with concrete), abandoned (improperly destroyed), and dewatering, drainage, and cathodic protection wells within a 1/2 mile radius of the subject site. As part of your detailed well survey, please perform a background study of the historical land uses of the site and properties in the vicinity of the site. Use the results of your background study to determine the existence of unrecorded/unknown (abandoned) wells, which can act as pathways for migration of contamination at and/or from your site. Please review historical maps such as Sanborn maps, aerial photos, etc., when performing the background study. Submittal of map(s) showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. We also request that you list by date all aerial photographs available for the site from the aerial survey company or library you use during your study. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study.

3. **Gettler-Ryan Off-Site Source Statement is Unpersuasive** - ACEH has considered Gettler-Ryan's statement regarding an "offsite source in the neighborhood" as being the source for soil contamination identified immediately beneath the former UST at your site. We find Gettler-Ryan's assessment of said unidentified source as unsubstantiated and lacking scientific basis. If a theory of an off-site source for the soil pollution and free phase TPHD contamination in groundwater identified immediately below your former UST is to be presented to this agency then the technical basis for that theory must also be presented. Gettler-Ryan failed to identify any offsite source(s), report results of their analysis of the fate of transport of contamination originating at an offsite source that would cause free product to be present at your site, etc.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Roseanna E. Garcia - La Grille), according to the following schedule:

- **April 16, 2004** - Work Plan (with results of preferential pathway study)

We recommend that your consultant call us to discuss your site and the scope of work requested before they initiating work at your site. If you have any questions, please call me at (510) 777-2149.

Ms. Marie Schweickert
March 5, 2004
Page 3 of 3

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

Sincerely,



Roseanna E. Garcia - La Grille
Hazardous Materials Technician

Cc: Mr. Robert A. Lauritzen
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, CA 94568

Mr. Scott Haggerty
Alameda County Board of Supervisors
1221 Oak Street, Suite 536
Oakland, CA 94612

A. Levi, D. Drogos, R. Garcia - La Grille

David J. Kears, Director
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

515 S. Livermore Avenue
Livermore, CA 94550
February 19, 2004

Dear Mr. Kears,
Subject: Fuel Leak Investigation, R00002595 515 S. Livermore Ave.
Livermore, CA

May I call your attention to the following?

JUNE 2003 When I planned to sell the house that I had lived in since 1956 I decided to have an unused fuel oil tank removed. It had not been used for over 40 years.

JUNE-JULY 2003 I contacted Gettler-Ryan Inc. to do this work. The tank was removed, soil samples taken, tests completed and results sent to Paul Smith, Hazardous Materials Inspector.

SEPTEMBER 2003 I HEARD NOTHING INDICATING ANY PROBLEM

SEPTEMBER 21, 2003 I put my house on the market, an offer was made. Escrow was November 5, 2003

OCTOBER 2003 I received a copy of a letter to Donna Drogos from Paul Smith inquiring about the tests' results sent to her.

OCTOBER 27, 2003 I received the first official notice that further work had to be done. Again I engaged Gettler-Ryan. Escrow was extended to December 28, 2003.

NOVEMBER 21, 2003 The required drilling was done, followed by tests of samples.

DECEMBER 2 or 3, 2003 Tests results were sent to your department.

DECEMBER 2003 NO RESPONSE FROM YOUR DEPARTMENT
Escrow extended to January 30, 2004.

FEBRUARY 19, 2004 STILL NO RESPONSE FROM YOUR AGENCY
Escrow extended to March 31, 2004.

Anticipating a timely resolution to this problem I moved into a condominium, that I am buying, in mid-December. Until your agency "signs-off" on the Livermore Avenue property, I cannot sell it. I now have taxes, insurance, utilities, etc. on two properties.

Whatever you can do to bring closure to this is truly appreciated.

Sincerely,
Marie Schweickert
Marie Schweickert

Cc Donna Drogos ACEHS

Alameda County
Environmental Health
FEB 23 2004

383, Inverness Way
Livermore, CA 94551
January 27, 2004

Scott Haggerty
Supervisor Alameda County
1221 Oak Street, Suite 536
Oakland, CA 94612

Dear Supervisor,

Re: Fuel Tank Investigation R00002595
Marie Schweickert Property
515 So. Livermore Ave.
Livermore, CA 94550

I had contacted your office in February 2003 to help me get some action from Alameda County Health Care Services Agency. I needed (and still do) a Letter of Closure to sell the above house.

In September, 2003 I had a buyer for the house and I bought a townhouse in Livermore. I moved into it on Dec. 16, 2003 assuming my South Livermore house would be sold. Enclosed is a brief timeline of what my situation has been.

I am asking you if there is any way you can help me bring this long nightmare to some closure?

Respectfully,

Marie Schweickert

Cc Ariu Levi
Donne Drogas
Roseanna Garcia-La Grille

Fuel Tank Investigation R00002595
 Schweickert Property
 515 S. Livermore Ave., Livermore, CA

2003

July	Aug	Sept	Oct	Nov	Dec
1	2	3	4	5	6

- 1 7/29/03 Unused Fuel Tank removed
- 2 Soil sample test results sent to Alameda County Health Care Services Agency
- 3 9/21/03 House put on market. Had a buyer. Escrow 11/5/03
- 4 Informed that a Letter of Closure required when selling house. Escrow 12/28/03
- 5 11/21/03 Drilling done
- 6 12/2/03 Results sent to ACHCSA Escrow 1/30/03

2004

Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
	7	8	9	10					11		12

- 7 2/21/04 Contacted Supervisor Scott Haggerty's office. Escrow 3/31/04
- 8 3/5/04 Ala Co. request more studies. Buyer with drew
- 9 Surveys done
- 10 5/11/04 Report sent to ACHCSA
- 11 10/19/04 Wrote to Mr. Ariu Levi, Chief Contract Project Director
 10/25/04 Talked with Mr. Levi
 10/27/04 Response to 5/11/04 report. Additional work required
- 12 12/2/04 12/3/04 12/7/04 Drilling done

2005

Jan	Feb		
13			

- 13 Drilling done -
 1/13/05
 1/14/05
 1/17/05
 1/18/05
 1/24/05

House vacant since 12/16/03
13 1/2 months

Alameda County
 Environmental Health
 JAN 28 2005

Garcia-La Grille, Roseanna, Env. Health

To: Bob Lauritzen
Subject: RE: Schweickert Report

Hi Bob,
February 11 is fine with me.

Thank you,
Roseanna

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

From: Bob Lauritzen [mailto:blauritzen@grinc.com]
Sent: Wednesday, January 26, 2005 8:22 AM
To: Garcia-La Grille, Roseanna, Env. Health
Subject: Schweickert Report

Roseanna,
We had originally planned to submit our assessment report this Friday, January 28th, however due to delays in completing the field work we will be unable to submit the assessment report until February 11, 2005. I hope this doesn't cause any problems but drilling to a depth of 70 feet at the site was more difficult than anticipated.

Thanks,

Robert Lauritzen, R.G.
Senior Geologist
Gettler-Ryan Inc.
3140 Gold Camp Dr. #170
Rancho Cordova, CA 95670

916-631-1300 x18(o)
916-631-1317 (f)
916-240-4626 (c)

Fax Cover Sheet

Date: 1-9-04

Fax Number: 510-337-9335

To: Donna Drogas

From: Richard Flores

Pages sent (including cover sheet): 2

COMMENTS:

Please see attached letter.

RE/MAX Executive
1686 Second Street
Livermore, CA. 94550

(925) 447-8100, Office
(925) 455-2403, Fax



Richard Flores
REALTOR®
Hablo Español

Equal Housing Opportunity



1686 Second Street
Livermore, CA 94550
Office: (925) 447-8100
Fax: (925) 455-2403
Voice Mail: (925) 455-2428
Residence: (925) 448-7872
www.livermore-realty.com



R02595

Richard Flores
ReMax Executive
1686 2nd Street
Livermore, CA 94550
January 9, 2004

Donna Drogos
Alameda County
Environmental Health Dept.
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: Mrs. Marie Schweickert's property located at 515 S. Livermore Ave. in Livermore

Dear Ms. Drogos;

I would like to bring to your attention some information that I've picked up as a long time Livermore resident and retired chemist. A gasoline station known to have contaminated the soil and ground water with MTBE and hydrocarbons was located near the corner of South Livermore Ave. and Pacific Ave., just a few blocks south of Mrs. Schweickert's property. I understand that in this area the ground water flows roughly from south to north, bringing any contamination plume from that old service station directly toward Mrs. Schweickert's property.

Currently there are two service stations at the corner of 3rd St. and S. Livermore, a couple blocks north of her home. Friends who work at Lawrence Livermore Lab have informed me that the area around East Avenue in the vicinity of Livermore High School, just a few hundred yards from Mrs. Schweickert's property, is contaminated with MTBE.

My client, Mrs. Schweickert, an eighty-year-old widow, has moved to her grand daughter's home. We have been in escrow for over three months and escrow has been extended to January 30, 2004. I am not sure that the buyers will give us another extension.

I understand that the buyer's agent has contacted Scott Hagerty's office about this matter. I had nothing to do with that and regret that it occurred. As a long time acquaintance of Mrs. Schweickert, and as her realtor, I would greatly appreciate whatever you can do for my client.

Thank you.

Sincerely,

Richard Flores



GETTLER-RYAN INC.

FACSIMILE COVER SHEET

TO: Roseanna Garcia-Lagille DATE: 12/17/03

COMPANY: Alameda County Health

FAX NUMBER: 510-337-9335

FROM: Bob Lauritzen

SUBJECT: Machado Doc. for Schweickert case.

COMMENTS: _____

Total Pages Including Cover Sheet: 2

If there are any problems with this transmission, please call 916.631.1300.

Alameda County
NOV 20 2003
Environmental Health

November 18, 2003

Roseanna Garcia-La Grille
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: 515 South Livermore Avenue, Livermore
ACEHS Investigation #RO0002595**

Dear Ms. Garcia-La Grille:

This letter serves to inform you that I am the sole owner and record fee title holder for the above referenced property. My address of record is:

Marie Schweickert
515 South Livermore Avenue
Livermore, California 94550

I have reviewed the *Work Plan for Limited Subsurface Investigation*, dated November 6, 2003, previously submitted to the Alameda County Environmental Health Services (ACEHS). I understand the recommendations presented in the referenced Work Plan. The information in the referenced Work Plan is accurate and all ACEHS/Regional Board guidelines have been followed to the best of my knowledge. This Work Plan was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Marie Schweickert

cc: Douglas Lee - Gettler-Ryan 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

November 18, 2003

Ms. Marie Schweickert
515 S. Livermore Ave.
Livermore, CA 94550

Dear Ms. Schweickert:

Subject: Fuel Leak Investigation, RO0002595, 515 S. Livermore Ave., Livermore, CA

Thank you for submitting the "Work Plan For Limited Subsurface Investigation", dated November 6, 2003, prepared by Gettler - Ryan Inc. We have reviewed the work plan and generally concur with the proposed work. We request that you address the following technical comments, perform the proposed work, and send us the technical report requested below.

TECHNICAL COMMENTS

1. Laboratory Analysis - We request that soil and groundwater samples be analyzed for tert - Butyl Alcohol (TBA) in addition to TPHD, BTEX and MTBE.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Roseanna E. Garcia - La Grille), according to the following schedule:

- **December 19, 2003** - Soil and Water Investigation Report

This report is being requested pursuant to Health and Safety Code Section 2725.

If you have any question, please call me at (510) 777-2149.

Sincerely,

Roseanna E. Garcia - La Grille
Hazardous Materials Technician

Cc: Douglas J. Lee, Gettler - Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
D. Drogos
R. Garcia - La Grille

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

To: DOUGLAS J. LEE 2 Pages total

From: ROSEANNA GARCIA-LA GRILLE

510-777-2149

Date: 11/18/03

Notes: Hi Doug,

Here is a copy of the letter that I told you
about earlier today. Please call if you have
any questions.

Thank you!

Roseanna

2003.11-18 17:45
510 337 9335
ALAMEDA CO EHS HAZ-OPS

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ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

F A C S I M I L E C O V E R S H E E T

To: DOUGLAS J. LEE 2 Pages total

From: ROSEANNA GARCIA-LAGRILLE

510-777-2149

Date: 11/18/03

Notes: Hi Doug.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



October 27, 2003

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

Ms. Marie Schweickert
515 S. Livermore Ave.
Livermore, CA 94550

Dear Ms. Schweickert:

Subject: Fuel Leak Investigation, RO0002595, 515 S. Livermore Ave., Livermore, CA

The Livermore - Pleasanton Fire Department reported the discovery of a release from your home heating oil underground storage tank (UST) removed on July 29, 2003. The release was reported to Alameda County Environmental Health (ACEH), the lead agency for oversight of investigation and cleanup of petroleum hydrocarbon releases in Alameda County. ACEH subsequently listed the subject case in our database of fuel leak sites. We have recently reviewed the information in our file and determined that up to 36 parts per million (ppm) of total petroleum hydrocarbons of diesel (TPHD) was detected in the soil; the soil in the excavation was observed to be sand and gravels; the site is located in a sensitive groundwater basin and is in the vicinity of water supply wells; and that a soil and groundwater investigation is necessary at this site to progress toward case closure.

Please investigate the extent of the soil contamination and determine if groundwater contamination is present beneath your site. We request that you install one boring within the UST excavation and analyze soil and groundwater samples for TPHD, and for BTEX and MTBE by EPA Method 8260.

Please submit a brief work plan outlining your proposal for soil and groundwater sampling by **November 27, 2003**. This report is being requested pursuant to the Regional Water Quality Control Board's (RWQCB) authority under Section 13267 of the California Water Code.

AB 681 (MACHADO) CHAPTER 255, STATUTES OF 1998

AB 681 (Machado) Chapter 255, Statutes of 1998, has made legislative changes to Chapter 6.7 and 6.75 of the Health and Safety Code adding new requirements to landowner notification and participation requirements for fuel leak investigations. These legislative changes require the active or primary responsible party for a fuel leak case to ensure that all current property owners of the site are informed of cleanup actions or requests for closure and to forward to ACDEH a complete mailing list of all record fee title holders to the site so that we can ensure that they are listed as responsible parties and kept informed about cleanup and closure decisions. Additionally, the primary or active responsible party must certify in writing that the notification requirement of Health and Safety Code, Section 25297.15, has been met and provide a mailing list of all record fee title owners to the local agency. This certification shall be included with a perjury statement in the cover letter transmitting reports, work plans, and request for closure. We request that you submit this information by **November 27, 2003**.

UST CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California UST Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

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 follow up. Enforcement follow up may include administrative action or monetary penalties of up to \$10,000 per day for each day of violation of the California Health and Safety Code, Division 20, Chapter 6.75.

If you have any question, please call me at (510) 777-2149.

Sincerely,

Roseanna E. Garcia - La Grille
Hazardous Materials Technician

Cc: D. Drogos

510 S. Livermore Ave.
Livermore, CA 94550

Oct. 17, 2003

Alameda County

OCT 22 2003

Environmental Health

Donna Drogoe, PE
Ala. Co. Environmental Health Dept.
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Ms Drogoe,

Re: Home Heating Oil Tank Removal,
7/29/03, at 515 S. Livermore Ave.
Livermore, CA 94550

I received a copy of Paul Smith's letter
to you about the above removal of
my fuel oil tank.

I left a message for you this morning
about it since I need your advice
on what to do to resolve this.

The tank was removed 7/29/03
and the report on the analysis was
received by me on 9/9/03.

My house was put on the market on
9/21/03 and there is a sale pending.

Please advise me 925 447-2532.

Pl. I will return from a
Family Funeral in Penna. 10/23/03

Sincerely,
Marie Schweickert



October 15, 2003

Alameda County
OCT 17 2003
Environmental Health

Donna Drogos, PE
Alameda County Environmental Health Department
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA, 94502

Re: Referral of Marie Schweickert, home heating oil tank case to LOP for further work, 515 S. Livermore Ave, Livermore, CA 94550

Hi Donna,

As per our phone conversation yesterday concerning the above site. Based on levels of contamination reported in the Tank Closure Report, dated September 2, 2003, the presence of gravelly soil and of ground water wells in the vicinity you recommended that further work be required at this site prior to sign off.

I am referring this case to you for further site mitigation actions. I have also completed an unauthorized release report attached.

Please provide copies of future correspondence and sign off letters to my office for our files. Also I was unable to find a case referral form for cases which we refer over to your office. If you have one please email it to me at psmith@lpfire.org and I'll use it in the future. Please call me if you have any other questions regarding the above at 925 454-2339.

Sincerely,

Paul M. Smith
Hazardous Materials Inspector



Livermore - Pleasanton
Fire Department

Paul M. Smith
Hazardous Materials Inspector

C:
Marie Schweickert, owner 515 S. Livermore Ave., Li

3560 Nevada Street
Pleasanton, CA 94566
E-Mail: psmith@lpfire.org

Office (925) 454-2339
Fax (925) 454-2367

3560 Nevada Street, Pleasanton, CA 94566

Administration & Suppression
(925) 454-2361
Fax 249-2397

Fire Prevention Bureau
(925) 454-2361
Fax 454-2367

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 10/15/03		CASE #		SIGNED: <u>Paul M. Arme</u> DATE: 10/15/03		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Paul Smith		PHONE (925) 454-2339		SIGNATURE Paul M. Arme	
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER LPEO		COMPANY OR AGENCY NAME Livermore Pleasanton Fire Department			
	ADDRESS 3500 Nevada St. Pleasanton CA 94566					
RESPONSIBLE PARTY	NAME Marie Schweickert <input type="checkbox"/> UNKNOWN		CONTACT PERSON Ms. Schweickert		PHONE (925) 447-5669	
	ADDRESS 515 S. Livermore Ave. Livermore CA					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Private residence		OPERATOR Marie Schweickert		PHONE (925) 447-5669	
	ADDRESS 515 S. Livermore Ave. Livermore CA Alameda COUNTY ZIP					
	CROSS STREET Gth Street, Livermore					
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Env. Health Dept. Local Oversight program		CONTACT PERSON Donna Drogos		PHONE (510) 567-6721	
	REGIONAL BOARD Region 2 RWQCD		CONTACT PERSON Roger Brewer		PHONE ()	
SUBSTANCES INVOLVED	(1) NAME 36 mg/kg TPH diesel in soil sample below tank, not match diesel standard		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		*hydrocarbon reported dot	
	(2) NAME 29 mg/kg TPH in stockpiled sample (compacted 4-1)		<input checked="" type="checkbox"/> UNKNOWN			
DISCOVERY/ABATEMENT	DATE DISCOVERED 10/7/29/03		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL		<input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS	
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 10/7/29/03		<input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER remove tank & lines 7/29/03			
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input checked="" type="checkbox"/> POLLUTION CHARACTERIZATION (Further needed)					
	<input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)					
	<input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER (OT) pending based on results of an additional boring, water sample					
COMMENTS	Following review of tank closure report dated Sept 2, 03 and referral to Alameda Co Env. Health Local Oversight Program I was advised by Alameda Co to complete an unauthorized release report. Due to local wells, gravel soils Cop will require further site investigation prior to site sign off. Referred to Alameda Co 10/15/03.					

INSTRUCTIONS

EMERGENCY: Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2500 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25150.15, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed. Preliminary Site Assessment Workplan Submitted - Workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release. Preliminary Site Assessment Underway - Implementation of workplan. Pollution Characterization - Responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water. Remediation Plan - Remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted. Cleanup Underway - Implementation of remediation plan. Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site as necessary, to verify and/or evaluate effectiveness of remedial activities. Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY.

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

- Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
Containment Barrier - install vertical dike to block horizontal movement of containment.
Excavate and Dispose - remove contaminated soil and dispose in approved site.
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
Remove Free Product - remove floating product from water table.
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
Replace Supply - provide alternative water supply to affected parties.
Treatment at Hookup - install water treatment devices at each welling or other place of use.
Vacuum Extract - use pumps or blowers to draw air through soil.
Vent Soil - bore holes in soil to allow volatilization of contaminants.
No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

- 1. Original - Local Tank Permitting Agency
2. Regional Water Quality Control Board
3. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
4. Owner/responsible party.