



June 24, 2008

Mr. Maurice Kaufman (via electronic mail)
City of Emeryville
1333 Park Avenue
Emeryville, CA 94608

Subject: Fuel Leak Case No. RO0000267 and Geotracker Global ID T0600101590, City of Emeryville, 3310 Powell St., Emeryville, CA 94608

Dear Mr. Dayrit:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the April 24, 1992 UST Unauthorized Release Report that was submitted by Tank Protect Engineering and the May 6, 1993 report submitted by Environmental Science and Engineering, Inc. describing the installation and sampling of one well. The reports indicate that petroleum hydrocarbons were detected in both soil and groundwater and that the extent of petroleum hydrocarbons in soil and groundwater has not been defined.

ACEH requests that you address the following technical comments, perform the requested work, and send us the work plan requested below.

TECHNICAL COMMENTS

1. **Dissolved Groundwater Plume Characterization** – A grab groundwater sample was collected from the northwestern part of the tank pit in 1992. Results from this sample were 46,115 micrograms per liter $\mu\text{g/L}$ total petroleum hydrocarbons as gasoline (TPHg), 12,700 $\mu\text{g/L}$ TPH as diesel (TPHd), and 5 $\mu\text{g/L}$ benzene. One groundwater monitoring well (MW-1) was installed in the apparent cross-gradient direction of the UST pit. Both a storm drain and water line are located between the UST pit and the monitoring well. Results of the one-time sampling performed in 1993 detected 170 $\mu\text{g/L}$ TPHg and 4,000 $\mu\text{g/L}$ TPHd. No other petroleum hydrocarbons were detected.
2. **Soil Characterization** – Soil samples were only collected at the time of the tank removal. Maximum concentrations of 172 parts per million (ppm) TPHg and 25 parts per billion (ppb) benzene were detected in soil samples collected from 5 feet below grade from the west side of the underground storage tank (UST) pit. The extent of the soil contamination has not been defined laterally or vertically. Please submit a work plan to define the

lateral and vertical extent of petroleum hydrocarbons and oxygenates at the site by the date requested below.

3. **Redevelop, Sample and Analyze Monitoring Well** – Please redevelop and sample the existing well and analyze for TPHg, TPHd by EPA Method 8015M, benzene, toluene, ethylbenzene, toluene, xylenes, methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), tert butyl alcohol (TBA), ethylene dibromide (EDB), ethylene dibromide (EDB), 1,2-dichloroethane (1,2-DCA) and ethanol by EPA Method 8260. Submit your results as an attachment to the work plan requested below.
4. **Utility Survey**- Due to the presence of utilities in the immediate vicinity of the USTs, we request that you perform 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. Submit the results of your utility study, including graphics and cross-sectional view(s) and discuss your analysis and interpretation of the results in the work plan requested below.

REQUEST FOR INFORMATION

ACEH's case file for the subject site contains the following reports: ESE, Inc.'s May 6, 1993 document describing the installation and sample event of one well and Tank Protect Engineering's April 24, 1992 UST Unauthorized Release Report and results. You are requested to submit copies of all other reports related to environmental investigations for this property (including Phase 1 reports) by **December 15, 2008**.

TECHNICAL REPORT REQUEST

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

- **December 15, 2008** –Work Plan, utility survey, MW-1 sample results.

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

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental

Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and [other](#) data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

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

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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) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,

A handwritten signature in blue ink that reads "Barbara J. Jakub". The signature is written in a cursive style with a long horizontal stroke at the end.

Barbara J. Jakub, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Donna Drogos, ACEH (Sent via electronic mail)
Barbara Jakub, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- 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 **must** be included and have either original or electronic signature.
- **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.**
- 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:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
 - b) 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.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - 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)