



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-93

May 20, 2009

Ms. Sara May  
Terradev Jefferson LLC  
c/o Metrovation  
580 Second Street  
Oakland, CA 94607

Subject: Fuel Leak Case No. RO0003001 and Geotracker Global ID T10000001072, Terradev Jefferson LLC Property, 645 Fourth Street, Oakland, CA 94607

Dear Ms. May:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the report entitled, "*Tank Closure Report*," dated September 21, 2006. One underground storage tank (UST) was discovered beneath the sidewalk at 645 Fourth Street in Oakland. The history and most recent use of the UST are unknown. Due to the proximity of the UST to the adjacent building foundation, the UST was closed in place under the oversight of the Oakland Fire Department. Two holes were cored in the bottom of the UST in order to collect soil samples from the underlying material. A soil sample collected from the western end of the UST contained total petroleum hydrocarbons as gasoline and benzene at concentrations of 10,000 and 130 milligrams per kilogram (mg/kg), respectively. The fill port for the UST was located on the western end of the UST.

Recommendations for site assessment activities were presented in correspondence prepared by amicus Strategic Environmental Consulting and dated March 6, 2009. The March 6, 2009 correspondence recommends installation and sampling of two monitoring wells proximal to the closed in place UST. We request that you prepare a Work Plan by July 24, 2009 that expands the recommendations and addresses the technical comments below.

#### **REQUEST FOR INFORMATION**

We request that you submit copies of any reports you have documenting additional investigation activities or other work that are relevant to the fuel release or other unauthorized releases and not currently in ACEH case files. This includes Phase I environmental site assessment reports and site investigations conducted for potential real estate transactions. ACEH case files may be reviewed online using the ACEH website (<http://www.acgov.org/aceh>).

#### **TECHNICAL COMMENTS**

1. **Product Piping and Dispensers.** The "*Tank Closure Report*," dated September 21, 2006 does not discuss any observations of piping or dispensers at the site. Please confirm that no piping or dispensers remain at the site. In the Work Plan requested below, please discuss the known or suspected locations of the piping and dispensers and propose investigation of the features as warranted.

2. **Proposed Monitoring Wells.** The March 6, 2009 correspondence recommends the installation and groundwater sampling of two monitoring wells on the east and west ends of the former USTs. Groundwater analytical data from these wells would indicate whether groundwater in the immediate vicinity of the former USTs is impacted but would not define the extent of contamination. We have no objection to installation of wells in these locations; however, please note that additional investigation of the extent of contamination may be necessary based on the results of the monitoring well installation and sampling. We request that soil samples be collected continuously for logging and screening to the total depth of the monitoring well soil borings. Field screening is to be conducted by a qualified field geologist using visual observations, odor, and measurements using a field photoionization detector (PID) fitted with an appropriate lamp and calibrated for the chemicals of concern. Soil samples are to be extracted from the continuous cores at frequent intervals and placed in sealed jars or plastic bags for measurement and recording of VOC concentrations in the headspace using the PID. Soil samples are to be collected for laboratory analysis from any zones where visible staining, odor, or elevated PID readings are observed. Please include these plans in the Work Plan requested below.
3. **Potential Vapor Intrusion.** Elevated concentrations of benzene were detected in both soil samples collected beneath the UST. Given the proximity of the UST to the building, the unknown locations of piping and dispensers, and the potential for overfill contamination from the UST to extend beneath the building, we request that you assess the potential for vapor intrusion to indoor air. In addition, please describe the current and planned use of the building space adjacent to the former UST. Please include plans to collect soil vapor samples adjacent to the building or subslab soil vapor samples inside the building in the Work Plan requested below.
4. **Well Decommissioning.** Please assure that proposed well decommissioning procedures in the Work Plan requested below conform to the requirements of the Alameda County Public Works Agency.
5. **Analytes.** In addition to the proposed analytes, we request that you include naphthalene, ethylene dibromide, and 1,2-dichloroethane as analytes for soil and groundwater samples using EPA Method 8260B.

#### **TECHNICAL REPORT REQUEST**

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

- **July 24, 2009** – Work Plan

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/cleanup/electronic\\_reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

### LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site. We have received your letter dated April 15, 2006, which meets this requirement.

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

*A. In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

- cleanup proposal (Corrective Action Plan)*
- request for case closure*
- local agency intention to make a determination that no further action is required*
- local agency intention to issue a closure letter*

- OR -

*B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

**(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)**

#### **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.

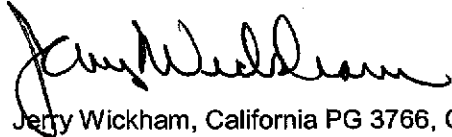
#### **AGENCY OVERSIGHT**

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.

Sara May  
RO0003001  
May 20, 2009  
Page 5

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org). Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

Sincerely,



Jerry Wickham, California PG 3766, CEG 1177, and CHG 297  
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032

Markus Niebanck, amicus, 580 Second Street, Suite 260, Oakland CA 94607

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>ISSUE DATE:</b> July 5, 2005
	<b>REVISION DATE:</b> March 27, 2009
	<b>PREVIOUS REVISIONS:</b> December 16, 2005, October 31, 2005
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

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](mailto:dehloptoxic@acgov.org)
    - Or
    - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
  - 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](mailto: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 @acgov.org. (e.g., [firstname.lastname@acgov.org](mailto: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) If site is a new case without an RO# use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.