

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
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July 25, 2008

Daniel Shaw
D&D Ventures LLC
15700 Winchester Blvd.
Los Gatos, CA 94621

Naresh Sawhney
Realty Investment Group
1125-B Arnold Drive, Suite 246
Martinez, CA 94553-4104

Subject: Fuel Leak Case No. RO0002509 and Geotracker Global ID T0600164939, Thanh's Autobody Repair, 901 77th Avenue, Oakland, CA 94621

Dear Mr. Shaw and Mr. Sawhney:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the reports entitled, "*Subsurface Investigation Report (Boreholes B15 and B16)*," dated April 14, 2008, "*Preferential Pathway Survey Report*," dated April 17, 2008, and "*Well Survey Report*," dated April 29, 2008.

The "*Preferential Pathway Survey Report*," dated April 17, 2008 describes the locations and depths of utilities near the site that potentially could act as preferential pathways. The Report was generally well written and thorough. Based on the results of the preferential pathway survey, groundwater flow and petroleum-impacted groundwater potentially could be moving preferentially in the storm drain and sanitary sewer trenches in 77th Avenue.

The "*Well Survey Report*," dated April 29, 2008 presents the results of a detailed well survey conducted to locate water wells within 2,000 feet of the site. A total of four wells were identified within 2,000 feet of the site in the downgradient direction.

The "*Subsurface Investigation Report (Boreholes B15 and B16)*," dated April 14, 2008, presents results from drilling and sampling of two soil borings designated as B15 and B16. Boring B15 was advanced to define the horizontal extent of petroleum hydrocarbons in groundwater within a coarse-grained layer at an approximate depth of 36 feet bgs. Based on the encountered soil conditions and groundwater sample results, we concur with the conclusion stated in the report that the horizontal extent of petroleum hydrocarbons appears to be defined for the site. Boring B16 was advanced adjacent to boring B10 and the former tank pit to evaluate the vertical extent of contamination. Total petroleum hydrocarbons as gasoline (TPHg) and benzene was previously detected in groundwater from boring B10 at concentrations up to 270,000 micrograms per liter ($\mu\text{g/L}$) and 12,000 $\mu\text{g/L}$, respectively. Significant vertical attenuation was observed based on the results from grab groundwater sampling in boring B16.

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The "*Subsurface Investigation Report (Boreholes B15 and B16)*," recommends that a pilot test be performed to evaluate the feasibility of dual phase groundwater and soil vapor extraction. We concur with the recommendation to implement a pilot test and request that you submit a Work Plan that describes your plans for pilot testing no later than **October 3, 2008**.

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

TECHNICAL COMMENTS

1. **Potential for Vapor Intrusion.** The concentration of benzene in both soil and groundwater exceeds the Environmental Screening Levels (San Francisco Bay Regional Water Quality Control Board Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater – November 2007) for evaluation of potential vapor intrusion concerns for residential and commercial/industrial exposure. The highest concentrations of benzene in soil and groundwater were detected in samples from boring B-10, which is immediately outside the northeast wall of the building. In order to evaluate the potential for indoor vapor intrusion, soil vapor sampling is required. We request that you include plans for soil vapor sampling in the Work Plan requested below.
2. **Groundwater Monitoring.** Please implement quarterly groundwater monitoring for the three monitoring wells installed at the site and present the results in the reports requested below. The groundwater samples are to be analyzed for TPHg, BTEX, and MTBE.

TECHNICAL REPORT REQUEST

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

- **October 3, 2008** – Work Plan
- **November 17, 2008** – Third Quarter 2008 Groundwater Monitoring Report
- **February 16, 2009** – Fourth Quarter 2008 Groundwater Monitoring Report
- **May 19, 2009** – First Quarter 2009 Groundwater Monitoring Report

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

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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).

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.

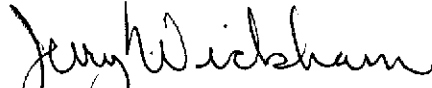
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AGENCY OVERSIGHT

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 or send me an electronic mail message at jerry.wickham@acgov.org.

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

Paul King, P & D Environmental, 55 Santa Clara Avenue, Suite 240, Oakland, CA 94610

Donna Drogos, ACEH
Jerry Wickham, 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)