



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
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December 16, 2010

Mr. Kirk Hutchison
Hutch's Car Wash
6355 McCarran Boulevard
Reno, NV 89509

Ophelia Bohannon Trust
Ophelia Bohannon
Address Unknown

Subject: Request for Soil Vapor Assessment; Fuel Leak Case No. RO0000451 and Geotracker Global ID T0600102285, Hutch's Car Wash, 17945 Hesperian Boulevard, San Lorenzo, CA 94580

Dear Mr. Hutchison and Ms. Bohannon:

Alameda County Environmental Health (ACEH) staff has reviewed the case file including the *Preferential Pathway Study and Area Well Survey*, dated April 29, 2010, and the *Soil and Groundwater Assessment Report*, dated August 12, 2010. Both reports were submitted on your behalf by Aqua Science Engineers, Inc (Aqua). Thank you for submitting the reports.

Site investigations suggest that the understanding of the subsurface beneath the site is reasonably mature; however, several areas of potential concern remain. Based on ACEH review of these reports and the case file we request that you address the following technical comments and send us the reports described below.

TECHNICAL COMMENTS

1. **Previously Transmitted Technical Comments Based on Brief Site Review** – Several previously transmitted technical comments are provided below to formalize the previous email communication. These comments were based on an abbreviated review conducted to allow a previously planned groundwater monitoring event to proceed on schedule. A word of caution was included in that email transmittal that indicated that based on a more complete review of the site additional requests might be forth coming. This letter communicates that request following these restated initial comments.
 - a. **Request for Resampling of Wells MW-2 and MW-3** – In order to expedite site characterization, ACEH requested the resampling of wells MW-2 and MW-3. Review of data for the site indicates these wells have not been sampled in 8 to 9 years. As a consequence ACEH requested sampling of all three site wells in the upcoming groundwater monitoring event, for all analytes of concern at the site. Please submit the December semi-annual groundwater monitoring report by the date identified below.
 - b. **Upload Compliance** – During the abbreviated review it was noted that uploads to both Geotracker and the County's ftp site are not in compliance with upload requirements; a request to upload all appropriate documents to these two independent sites was made. Please submit notification that all appropriate uploads have been made to both sites by the date identified below. Additional details follow:
 - i. **GeoTracker Compliance** – A review of the State Water Resources Control Board's (SWRCB) GeoTracker website indicates the site is not in compliance with upload requirements. In particular the following areas were noted to be deficient - wells have not been surveyed to Geotracker standards, the majority of EDFs, GEO_WELLS, and other required uploads have not been uploaded.

Please be aware that pursuant to California Code of Regulations, Title 23, Division 3, Chapter 16, Article 12, Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the UST or LUST program, must be transmitted electronically to the SWRCB GeoTracker system via the internet. Also, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude to sub-meter accuracy using NAD 83. A California licensed surveyor may be required to perform this work. Additionally, pursuant to California Code of Regulations, Title 23, Division 3, Chapter 30, Articles 1 and 2, Sections 3893, 3894, and 3895, beginning July 1, 2005, the successful submittal of electronic information (i.e. report in PDF format) shall replace the requirement for the submittal of a paper copy. Please upload all required submittals to GeoTracker and ACEH's ftp server by the date specified below. Electronic reporting is further described in Attachment 1 to this letter.

- ii. **ACEH FTP Upload Requirements** – See the attached *Electronic Report Upload (ftp) Instructions* following this letter for details associated with this regulatory requirement. In reality, reports missing from the ftp website have not been submitted to the County. Please cross check each website to verify the completeness of your submittals.

2. **Request for a Soil Vapor Survey Work Plan** – Existing soil samples appear to indicate limited impact to soil at the site; however, elevated grab groundwater samples were collected from soil bores BH-C, BH-D, BH-E, and BH-H. Except for BH-H, these bores appear to have been placed within the existing UST complex. Elevated photoionization detector (PID) readings were encountered in several of these bores from “soil” samples collected above groundwater, but which were not later submitted for laboratory analysis (e.g. 6,013 ppm PID units in bore BH-E at a depth of 12 feet below grade surface). Additional elevated PID values were recorded in well MW-1 above groundwater (ranging from 2,000 to 4,000 ppm PID units) but with very low or non-detectable concentrations in soil. These data appear to indicate the potential for a soil vapor concern at the site. As a consequence, and to preclude this concern, ACEH requests a work plan by the date referenced below, to investigate and evaluate the potential for soil vapor intrusion at the site.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH, according to the following schedule:

- **January 21, 2011** – Notice of Geotracker and ftp website uploads
- **January 31, 2011** – December Semi-Annual Groundwater Monitoring Report
- **February 11, 2011** – Work Plan for Soil Vapor Intrusion Assessment
- **60 Days after Work Plan Approval** - Soil and Groundwater Investigation 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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Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,

Mark E. Detterman, PG, CEG
Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: Robert Kitay, Aqua Science Engineers, Inc, 55 Oak Court, Suite 220, Danville, CA 94526,
(sent via electronic mail to rkitay@aquascienceengineers.com)

Donna Drogos, ACEH, (sent via electronic mail to donna.drogos@acgov.org)
Mark Detterman, ACEH, (sent via electronic mail to mark.detterman@acgov.org)
Geotracker, e-File

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

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 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.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	REVISION DATE: July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: 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

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- 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)

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
 - 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, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
 - 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 @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) 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.