



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
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April 11, 2011

Mr. Kirk Hutchison Ophelia Bohannon Trust
Hutch's Car Wash Ophelia Bohannon
6355 McCarran Boulevard Address Unknown
Reno, NV 89509

Subject: Request for Soil Vapor Work Plan Addendum; 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 *Groundwater Monitoring Report, December 2010 Groundwater Sampling*, dated January 12, 2011 and the *Workplan for a Soil Vapor Survey*, dated February 8, 2011; both reports were submitted on your behalf by Aqua Science Engineers, Inc (ASE). Thank you for submitting the reports.

As requested by ACEH wells MW-2 and MW-3 were resampled during the last groundwater monitoring event which was conducted in December 2010. This was the first time these two wells had been sampled since July 2002. The two wells remain non-detectable for TPHg, BTEX, and MTBE. This is the first time all wells were analyzed for the full suite of fuel oxygenates and lead scavengers (MTBE, TAME, TBA, DIPE, ETBE, EDC, and EDB). Wells MW-2 and MW-3 were also non-detectable for these compounds; however, well MW-1 contained 75µg/l MTBE, 19 µg/l TAME and 14 µg/L TBA. Well MW-1 also contained 98 µg/L TPHg, but was non-detectable for BTEX.

A request for a soil vapor survey was included in the December 16, 2010, ACEH letter based on unusual vapor detections in several soil samples from several bores in which soil samples were not submitted for analysis in association with the elevated vapor concentrations at the time of installation. Based on ACEH review of the above referenced reports we request that you address the following technical comments and send us the reports described below.

TECHNICAL COMMENTS

- 1. Work Plan Addendum** – The work plan contained a short section describing the soil vapor protocols that would be followed to obtain the soil vapor samples. Unfortunately significant industry standard procedures were not described and the lack of these details can detrimentally impact the study and the data generated during the soil vapor survey. As a consequence ACEH is requesting an addendum to the work plan to allow the incorporation of these standards into the work plan submitted for the site. Please incorporate DTSC guidelines into the work plan addendum (*Interim Final, Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, December 15, 2004 [Revised February 7, 2005] and *Advisory – Active Soil Gas Investigation [Draft]* March 3, 2010). This should include at a minimum installation of the soil vapor probe to a depth of 5 feet below grade surface, introduction of an appropriate tracer to verify exclusion of surface air, a shroud to ensure retention of the tracer gas around the sample port, a gloved entry in to the shroud to assist in that goal, and inclusion of atmospheric gases (carbon dioxide, oxygen, nitrogen), and methane in the analytical suite to assist in the interpretation of the data. Please submit the work plan addendum by the date identified below.

2. **Upload Compliance** – Also included in the previous letter from ACEH was a request that all reports be uploaded to the ACEH website, and all required data fields be uploaded to Geotracker. While some uploads have been received, both websites remain under populated with respect to required uploads. This request is put forward with an eye towards quicker progression towards closure at an appropriate time; they remain a state requirement by regulation. Please submit notification that all appropriate uploads have been made to both sites by the date identified below.
3. **Groundwater Sampling Interval** – Please place the site on an annual groundwater sampling basis coinciding with the fourth quarter of the year.

TECHNICAL REPORT REQUEST

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

- **May 27, 2011** – Addendum to Work Plan
- **May 27, 2011** - Notice of Geotracker and ftp website uploads
- **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.

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
Senior 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

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.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

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 deh.loptoxic@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 deh.loptoxic@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.