



ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 23, 2011

Mr. Robert Stetson
Kelly Moore Painting Co, Inc.
987 Commercial Street
San Carlos, CA 94070

Mr. Vern Willirich
Firestone Tire & Rubber Co.
Address unknown

Mr. Harry Eberlin
9581 La Jolla Farms
La Jolla, CA 92037

(sent via electronic mail to rstetson@kellymoore.com)

Subject: Request for Work Plan Addendum; Fuel Leak Case No. RO0000119 (Global ID # T0600101674), Firestone #3655, 969 San Pablo Avenue, Albany, CA 94706

Dear Messrs. Stetson, Willrich, & Eberlin:

Alameda County Environmental Health (ACEH) staff has reviewed the case file inclusive of the *Workplan for Soil Gas Sampling and Analysis, Results Interpretation, and Technical Reporting*, dated October 10, 2011 and the *Groundwater Monitoring Report – September 2011*, dated November 8, 2011. Both reports were prepared and submitted on your behalf by ProTech Consulting & Engineering (ProTech). Thank you for submitting the reports, they help move the site forward. The workplan proposes the installation of temporary six soil vapor probes to a depth of 5-feet below grade surface, at locations that are expected to provide further insight into contamination that appears associated with the former waste oil UST at the site.

Based on ACEH staff review of the case file and of these documents we request that you address the following technical comments regarding the site, and send us the technical documents requested below.

TECHNICAL COMMENTS

- 1. Soil Gas Survey** – In review of the referenced workplan, ACEH noted six proposed temporary soil vapor sampling points at the site, but not the inclusion of sub-slab vapor points beneath the facility building. As noted in the previous ACEH letter, the UST removal and overexcavation report (remedial excavation report dated February 4, 1991) indicated that the overexcavation was unable fully remove impacted soil adjacent to or beneath the building on the east side of the overexcavation, and did not collect removal confirmation samples along the eastern wall of the excavation. This suggests that a potential residual soil contaminant reservoir may be present at the site beneath the building. Because indoor vapor intrusion concerns are generally more elevated at chlorinated VOC sites, inclusion of sub-slab vapor points within the building would be appropriate. As a consequence, ACEH requests an addendum to the work plan, by the date identified below, to incorporate the addition of two sub-slab vapor points near the former eastern wall of the remedial excavation. In the addendum, please briefly discuss any method specific changes proposed to be employed in the collection of samples at the sub-slab vapor points, from those discussed for the soil gas survey.

Thank you for incorporating DTSC guidelines into the soil vapor work plan. You should be aware that additional guidelines have been promulgated since the previous directive letter. In October 2011 DTSC released the *Guidance for the Evaluation for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*. The guidance is available online.

- 2. Soil Gas Analytical Suite** – In addition to the TO-15 and the leak test compound ACEH requests the inclusion of atmospheric gases (carbon dioxide, oxygen, nitrogen), and methane in the analytical suite to assist in the interpretation of the data.

3. **GeoTracker Compliance** – Thank you for recent uploads to the state Geotracker website. Based on a recent review of submittals it appears that existing bore logs and a GEO_MAP have not been submitted to the site. Please upload these items, as well as future reports, EDFs, GEO_WELLS, and etc. by the date identified below. Should additional information be needed, please see Attachment 1 for limited additional details, and the state GeoTracker website for full details.
4. **Preferential Pathway Study** – Thank you for incorporating onsite utility locations in recent submittals. The location of the sewer / storm drain, apparently located at some distance offsite, was not located, nor were utility invert flowline depths identified. Completion of the well search has also not been reported on, but appears to have been started based on the submittal of appropriate well request forms; consequently ACEH reiterates this outstanding request for these items. Please submit these according to the schedule identified below. Should additional details be required please reference the previous directive letter.
5. **Request for Email Addresses** – If your email address is not listed on the first page of this letter, or in the list of cc's below, ACEH requests your email address to help expedite communications and to help lower overall costs. Please provide that information in your next submittal.

TECHNICAL REPORT REQUEST

Please submit the following deliverable to ACEH (Attention: Mark Detterman), according to the following schedule:

- **January 27, 2012** – Addendum to Work Plan for Soil Gas Survey / Sub-Slab Vapor Survey
- **January 27, 2012** – Geotracker Upload Compliance
- **60 Days After Work Plan Approval** – Soil Gas / Sub-Slab Vapor Survey (with Completed Preferential Pathway Study)
- **60 Days After Soil Gas / Sub-Slab Vapor Survey Review** - Site Conceptual Model with Data Gap 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.

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: Sherwood Lovejoy, Jr., TCG / ProTech - North Bay, 394 Cecilia Way, Tiburon, CA 94920
(sent via electronic mail to protech@tcg-international.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, Electronic 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.