

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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May 13, 2009

Ms. Staci Frerichs
Chevron Environmental Management
6001 Bollinger Canyon Rd K2256
PO Box 6012
San Ramon, CA 94583-2324

Mr. Denis Brown
Shell Oil Products US
20945 S Wilmington Ave
Carson, CA 90810-1039

Ms Jennifer Sedlachek
Exxon Mobil
4096 Piedmont Ave #194
Oakland, CA 94611

Mr. Brandford Howard
Brandford Howard ET AL
516 Grand Avenue
Oakland, CA 94610-3515

Subject: Fuel Leak Case No. RO0000391 (Global ID #T0600101355), Chevron #21-1137, 500 Grand, Oakland, CA 94611

Dear Ms. Frerichs and Ms. Seldachek, Mr. Brown and Mr. Howard:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site and the document entitled "Response to Technical Comments and Revised Scope of Work" dated November 21, 2009 and prepared by Conestoga Rovers Associates (CRA). Chevron completed an initial soil vapor assessment in August 2008; however the full scope of work was not completed leaving the potential indoor air migration pathway incomplete. Chevron proposes the installation of five soil vapor sampling points to evaluate the soil vapor to indoor air migration pathway. In addition, Chevron recommends incorporating monitoring wells MWV-8F through MWV-8J into the groundwater monitoring program, as soon as the City of Oakland encroachment permit requirements have been satisfied. ACEH generally concurs with the proposed scope of work as recommended in the work plan provided the technical comments discussed below are incorporated prior to the implementation of the work plan.

Based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to [mail to: steven.plunkett@acgov.org](mailto:mail:steven.plunkett@acgov.org)) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Additional Soil Vapor Study.** Chevron has proposed the installation of five soil vapor sampling points to evaluate the soil vapor to indoor air migrations pathway. ACEH requests the soil vapor investigation be conducted according to the DTSC's January 2003 *Advisory – Active Soil Gas Investigations*. ACEH generally concurs with the recommendations in soil vapor sampling work plan. Please submit results from the investigation in the report requested below.
2. **Site Conceptual Model (SCM).** Chevron has requested that the previously requested SCM be prepared in conjunction with soil vapor and groundwater data that accurately reflect current subsurface conditions beneath the site. We concur with your proposal to prepare a SCM, that includes a detailed discussion of the results from the soil vapor and groundwater sampling. Please submit the SCM according to the schedule below.

3. **Preferential Pathway Study.** Chevron will perform a utility survey and, if necessary, update the well survey that was completed in 2001. ACEH concurs with Chevron's proposal to complete a utility survey. Please present results in the report requested below.
4. **Well Redevelopment and Semi-Annual Groundwater Sampling.** Groundwater monitoring and sampling has not been conducted at the site since 2001. CRA recommends that onsite and offsite wells be redeveloped and sampled to evaluate the dissolved phase hydrocarbon plume beneath and downgradient of the site. ACEH generally concurs with the recommendations to redevelop and sample onsite and offsite monitoring wells. Please present the results from the well redevelopment and sampling activities in the semi-annual groundwater monitoring report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **May 30, 2009** – SCM with Preferential Pathway Study
- **June 30, 2009** – Semi-Annual Groundwater Monitoring and Sampling Report
- **December 15, 2009** – Semi-Annual Groundwater Monitoring and Sampling 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.

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.

If you have any questions, please call me at (510) 383-1767 or send me an electronic mail message at steven.plunkett@acgov.org.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist



Donna L. Drogos, PE
Supervising Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: James Kirman
CRA
2000 Opportunity Drive, Suite 110
Roseville, CA 95678

Leroy Griffin
City of Oakland, Assistant Fire Marshall
250 Frank Ogawa Plaza, Suite 3341
Oakland, CA 94612

Donna Drogos, Steven Plunkett, File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
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

- 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 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 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.