



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

May 18, 2011

Mr. David Patton  
Chevron Corporation  
6111 Bollinger Canyon Road  
San Ramon, CA 94583  
(sent via electronic mail to  
[drpatten@chevron.com](mailto:drpatten@chevron.com))

Mr. Mark Gomez  
City of Oakland  
250 Frank Ogawa Plaza,  
Suite 5301  
Oakland, CA, 9461

Simgas LLC  
655 Montgomery St #1900  
San Francisco, CA 94111

Gurinder Grewal & Singh Navdeep  
349 Brianne Ct.  
Pleasanton, CA 94566

Subject: Request for Revised Work Plan; Fuel Leak Case No. RO0000464; (Global ID # T0600102238);  
Chevron #9-1851, 451 Hegenberger Road, Oakland, CA 94612

Ladies and Gentlemen:

Alameda County Environmental Health Department (ACEH) staff has reviewed the case file, including the *Site Conceptual Model* dated January 30, 2009, the *Work Plan for Soil Borings* dated January 30, 2009, *Third Quarter 2010 Groundwater Monitoring and Sampling Report* dated November 15, 2010, and the *Fourth Quarter 2010 Groundwater Monitoring and Sampling Report* dated February 10, 2011. Each of these reports were prepared and submitted on your behalf by Conestoga-Rovers & Associates (CRA). Thank you for submitting the reports.

Based on ACEH staff review of the case file, we request that you address the following technical comments and submit a revised work plan as described below.

### **TECHNICAL COMMENTS**

- 1. Request for a Revised Work Plan** – The current work plan is focused on defining the vertical and horizontal extent of hydrocarbons associated with a gasoline release from the eastern dispenser and this is appropriate; however, the work plan ignores the lateral extent of free-phase (FP) waste oil in the vicinity of the former waste oil UST as documented in well MW-2 (with one exception free-phase has been present since March 2008). It also ignored the lateral and vertical extent of impacted soil related to this release. Presuming the source of the oil is associated with the waste oil UST, the date of the appearance in well MW-2 would provide a rate of migration between the excavation and the well, but does demonstrate migration of the FP. Because both areas of investigation can be best managed with a single mobilization, please submit a revised work plan that additionally undertakes these tasks by the date identified below.
- 2. Interim Remediation** - Please evaluate more active measures to increase the capture of free product between site visits in well MW-2; free phase recovery appears to be attempted intermittently at present.
- 3. Groundwater Monitoring** - The recent inclusion (since September 2010) of TPH<sub>mo</sub> in the groundwater analytical suite in all wells (except MW-2 due to the FP) at the site is appreciated and appropriate; it would have been requested in this letter. Please continue this analysis. Please also incorporate silica gel clean-up

use for extractable hydrocarbon analyses; this does not appear to have been done previously. A former bay margin environment is an appropriate environment for the use of the silica-gel clean-up technique.

Please additionally include a minimum of one time, the full suite of standard waste oil analytes, at well MW-2. Both 1,1-DCA and cis-1,2-DCE were detected in groundwater collected October 17, 1995 from well MW-2, at concentrations of 1.7 µg/l and 11 µg/l, respectively. This is the only time they have been sampled for at this site, and this is prior to the appearance of waste oil FP in the well which can be argued may include higher concentrations of these or other VOCs. Due to the presence of hydrocarbons characterized as TPHmo in all wells, please additionally submit (potentially on a one time basis) groundwater from wells MW-1, MW-2, MW-4, and MW-6 for a full VOC scan in order to understand the distribution of VOCs beneath the site.

- 4. Clarification of UST Usage** – The UST located north of the station building has been referred to as either a methanol or diesel storage tank in multiple documents through the years. Please clarify the (former) use of this UST through time. Please additionally clarify the appropriate analyte (hydrocarbon and / or methanol) for groundwater collected from well MW-3.

#### **TECHNICAL REPORT REQUEST**

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

- **July 1, 2011** – Work Plan Addendum
- **60 Days After Approval of Work Plan** – Subsurface 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, do not hesitate to call me at (510) 567-6876.

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: Nathan Lee, Conestoga-Rovers & Assoc., 5900 Hollis Street, Suite A, Emeryville, CA 94608  
(sent via electronic mail to [NLee@croworld.com](mailto:NLee@croworld.com))

Donna Drogos (sent via electronic mail to [donna.drogos@acgov.org](mailto:donna.drogos@acgov.org))  
Mark Detterman (sent via electronic mail to [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org))  
Electronic File, GeoTracker

# 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.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](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.

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