

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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August 6, 2008

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

Sidhu Associates, Inc.
3421 Brookmill Court
Fremont, CA 94536-2421

Subject: Fuel Leak Case No. RO0000404 and Geotracker Global ID T0600118567, Shell#13-5678, 8930 Bancroft Avenue, Oakland, CA 94605

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site, including the recently submitted document entitled, "*Site Investigation Report and Request for Case Closure*," dated July 16, 2008. The "*Site Investigation Report and Request for Case Closure*," which was prepared on your behalf by Conestoga-Rovers & Associates, presents results from three soil borings advanced within the first generation tank pit in the northwestern portion of the site. Total petroleum hydrocarbons as gasoline (TPHg) were detected in two soil samples from the tank pit backfill (10.5 feet bgs) at concentrations of 310 and 440 milligrams per kilogram (mg/kg). TPHg was not detected or was detected at concentrations less than 52 mg/kg in native soil samples collected from the three soil borings. BTEX and fuel oxygenates were not detected in any of the soil samples. Based upon these results, Conestoga-Rovers & Associates, on behalf of Shell, requested that the site be considered for closure as a low risk fuel site, and that no further action be required.

As discussed in technical comment 1 below, waste characterization soil sample D-10 contained TPH as diesel at a concentration of 2,100 mg/kg and TPH as motor oil at a concentration of 10,000 mg/kg. TPH as diesel and TPH as motor oil were not included as analytes for soil samples from the three soil borings. In addition, TPH as diesel and TPH as motor oil do not appear to have been analytes for any soil or groundwater samples collected at the site. The detection of TPH as diesel and TPH as motor oil in elevated concentrations in the waste characterization soil sample may indicate a data gap for site characterization. Therefore, this fuel leak case cannot be closed at this time. This decision is subject to appeal to the State Water Resources Control Board (SWRCB), pursuant to Section 25299.39(b) of the Health and Safety Code (Thompson-Richter Underground Storage Tank Reform Act - Senate Bill 562). Please contact the SWRCB Underground Storage Tank Program at (916) 341-5752 for information regarding the appeal process.

We request that you prepare a work plan by **October 23, 2008** to address the following technical comments.

TECHNICAL COMMENTS

- 1. Detections of Petroleum Hydrocarbons in Tank Pit Backfill.** In response to a request for information in ACEH correspondence dated October 12, 2007, Conestoga-Rovers & Associates reviewed available internal and external files for information regarding the first generation USTs in the northwest portion of the site. No information on the USTs other than they were removed in 1983 or 1984 was found. Three soil borings were advanced in June 2008 to investigate the first generation tank pit in the northwestern portion of the site. Soil borings T-2 and T-3 were apparently advanced within the former tank pit backfill for the first generation USTs. Soil boring T-1 was apparently advanced in soil immediately outside the tank pit backfill. Total petroleum hydrocarbons as gasoline (TPHg) were detected in soil samples from the tank pit backfill in soil borings T-2 and T-3 at concentrations of 310 and 440 milligrams per kilogram, respectively. BTEX and fuel oxygenates were not detected in soil samples from any of the soil borings. However, TPH as diesel and TPH as motor oil were detected in waste characterization sample D-10 at concentrations of 2,100 and 10,000 milligrams per kilogram (mg/kg). Soil samples from borings T-2 and T-3 were not analyzed for TPH as diesel and TPH as motor oil. In addition, TPH as diesel and TPH as motor oil do not appear to have been analytes for any soil or groundwater samples collected at the site. The presence of TPH as diesel and TPH as motor oil at elevated concentrations in the waste characterization sample indicates that these petroleum hydrocarbons are present in either the tank pit backfill (soil borings T-2 and T-3) or the soil adjacent to the tank pit backfill (soil boring T-1). Further characterization is necessary to demonstrate the source and extent of TPH as diesel and TPH as motor oil detected in waste characterization sample D-10. Please present your plans for further characterization in the Work Plan requested below. Your plans should include both soil and groundwater sampling.
- 2. Potential for Vapor Intrusion.** Although BTEX and fuel oxygenates were not detected in soil samples from soil borings T-2 and T-3, the upper 10 feet of the soil borings were advanced using an air knife or water knife. Therefore, the samples are too highly disturbed to evaluate whether volatile organic compounds may be present in shallow soil at concentrations that could pose a potential for vapor intrusion. Therefore, we request that you include plans to conduct soil vapor sampling to assess the potential for vapor intrusion in the Work Plan requested below.
- 3. Table 1.** Table 1, Soil Analytical Data, appears to have been left out of the report submitted to ACEH and Geotracker. Please include a table of analytical results from soil borings T-1 through T-3 in the Work Plan requested below.

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TECHNICAL REPORT REQUEST

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

- **October 23, 2008** – 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.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy 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 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, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

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,

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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

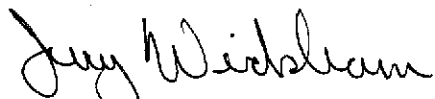
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,



Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032

Ana Friel, Conestoga-Rovers & Associates, 19449 Riverside Drive, Suite 230,
Sonoma, CA 95476

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, 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 Alicia Lam-Finneke.
 - 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 at 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)