



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
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June 20, 2008

Mr. Bill Borgh (via electronic mail)
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Son T. Nguyen
3420 35th Avenue
Oakland, CA 94619-1303

Subject: Fuel Leak Case No. RO0000058 and Geotracker Global ID T0600101465, Unocal #6129, 3420 35th Ave, Oakland, CA

Dear Messrs. Borgh and Nguyen:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the document entitled, *Soil Boring Assessment Report*, dated February 15, 2007 and prepared by Delta Environmental Consultants. The 2007 *Soil Boring Assessment Report* presents soil and groundwater sample results from on-site soil borings. Results from the investigation indicate that petroleum hydrocarbons and fuel oxygenates are present at elevated concentrations in soil and groundwater on-site and that the lateral and vertical extent of petroleum hydrocarbons and fuel oxygenates has not been determined. The 2007 *Soil Boring Assessment Report* also includes recommendations for additional work.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Dissolved Contaminant Plume Definition.** Up to 2,500 micrograms per liter methyl tertiary butyl ether (MTBE) was detected in the groundwater samples collected during your soil boring assessment. The groundwater samples collected at the site indicate that the lateral and vertical extent of the dissolved petroleum hydrocarbon and MTBE plumes is undefined.

ACEH concurs that additional monitoring wells should be installed on-site downgradient of the dispenser islands and near boring B-2. We request that you install a depth discrete groundwater monitoring network of wells with sand pack intervals no longer than 2 to 5 feet. This may require that you install multiple wells or multichamber wells. Please include the proposed depths and construction details of the wells are to be presented in the Work Plan requested below.

In addition to installing these wells, ACEH recommends that you fully investigate both the lateral extent of petroleum hydrocarbons and oxygenates offsite and the vertical extent of petroleum hydrocarbons and oxygenates on-site by advancing depth discrete borings. As seen in your samples collected at depth hydraulically downgradient of the dispensers, hydrocarbons and oxygenates are present in the deepest samples collected.

2. **Source Area Soil Definition.** Soil samples collected at the site indicate that the lateral and vertical extent of the contamination is undefined in all directions. Soil samples collected below 30 feet below grade contain MTBE. Please submit a work plan to define the lateral and vertical extent of these constituents in source area soils.
3. **Off-site Upgradient Source of MTBE.** Delta proposed installing a well upgradient of your site. There is a former Exxon station upgradient of you site which is an open ACEH case, (Case Number RO0002515). You recommend that you review the files for that site and determine if you need to install an upgradient well or if Exxon's investigations provide this data. Once again, if you wish to install a well to the northeast, we recommend that the sand pack interval not exceed 2 to 5 feet.
4. **Preferential Pathway Study.** In the Fourth Quarter 2005 Quarterly Summary Report, Delta identified an irrigation well on Arkansas Street approximately 800 feet from the site. The total depth is stated as 62 feet below ground surface (bgs) and depth to water at 18 feet bgs. Please provide the well construction details and include an evaluation of whether this well is a potential receptor. Please include this information in the report requested below.
5. **Coordinated Groundwater Monitoring.** Two known fuel leak cases are present in the vicinity of 35th Avenue and Quigley Street: the subject site and the Former Exxon#7-0234 at 3450 35th Avenue. Available information indicates that the Exxon release may have contributed to the contamination under the subject site. Available information is insufficient to determine the relative magnitude of each release and the extent of each plume. Plume commingling does not exempt any of the responsible parties from cooperating to define the extent of contamination in all directions.

We request that Conoco Phillips and ExxonMobil (by copy of this letter) coordinate water level measurements and groundwater sample collection dates for the two sites. This includes collecting water level data and contaminant concentration data on the same day, sharing these results and including the data in each report. Coordinated sampling should begin once Exxon installs groundwater monitoring wells. **Maps and data tables, included with the quarterly monitoring reports for each site, are to include data from wells on and off of both sites.**

REQUEST FOR INFORMATION

ACEH's case file for the subject site contains only the electronic files listed on our website at <http://www.acgov.org/aceh/index.htm>. You are requested to submit copies of all other reports related to environmental investigations for this property (including Phase I reports) by **July 16, 2008**.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), according to the following schedule:

- **September 22, 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) 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

Messrs. Borgh and Nguyen
RO0000058
June 20, 2008, Page 4

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) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,



Barbara Jakub, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Mr. Dennis Dettloff, Delta Environmental Consultants, Inc., 11050 White Rock Road, Rancho Cordova, CA 95670, (via electronic mail)
Ms. Jennifer Sedlachek, Exxon Mobil Refining & Supply Company, 4096 Piedmont Avenue #194, Oakland, CA 94611 (via electronic mail)
Paula Sime, Environmental Resolutions, Inc., 601 North McDowell Blvd., Petaluma, CA 94954-2312 (via electronic mail)

Donna Drogos, ACEH, (via electronic mail)
Barbara Jakub, 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)