



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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April 24, 2009

Paul Supple
BP West Coast Products, LLC.
P.O. Box 1257
San Ramon, CA 94583

Jennifer Sedlachek
Exxon Mobil Refining and Supply Co.
7096 Piedmont Ave., #194
Oakland, CA 94611

Terry Grayson
ConoccoPhillips
76 Broadway
Sacramento, CA 95818

Subject: Fuel Leak Case No. RO0000456 and GeoTracker Global ID T0600100908, BP #11102,
100 W. Macarthur Boulevard, Oakland, CA 94610

Dear Mr. Supple, Ms. Sedlachek, and Mr. Grayson:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the recently submitted document entitled, "Initial Site Conceptual Model with Soil & Ground-Water Investigation Work Plan," dated April 9, 2009, which was prepared by Broadbent & Associates, Inc. for the subject site. To characterize the extent of the soil and groundwater plume off-site to the southwest, BAI proposes to install three groundwater monitoring wells (MW-4 through MW-6).

ACEH generally concurs with the proposed scope of work. However, ACEH has concerns regarding the proposed monitoring well construction. ACEH requests that you address in the technical comments below and submit a Work Plan addendum due by the date specified below.

TECHNICAL COMMENTS

1. **Monitoring Well Construction and Hydrogeologic Setting** – Depth to groundwater (DTW) at the site has ranged from approximately 8 feet to 17 feet below the ground surface (bgs). BAI proposes to install the three groundwater monitoring wells to a depth of 30 feet bgs with screened intervals ranging from 10 feet to 30 feet bgs. ACEH is concerned that the proposed screened intervals appear excessive, based on historic depth to groundwater data collected at the site. This may yield analytical results that are not indicative of actual site conditions. ACEH requests that BAI justify the proposed well construction or propose shorter screened intervals. Please address the above-mentioned concerns and submit a work plan addendum due by the date specified below.
2. **Cross-sections** – In our January 8, 2009, correspondence, we requested that cross-sections be included in the SCM. Preparation of cross-sections may assist in identifying or justifying appropriate screened intervals for proposed groundwater monitoring wells. Please prepare cross-sections and submit a work plan addendum due by the date specified below.

3. **TBA Iso-concentration Map** – BAI has posted the TPH-g, benzene and MTBE concentrations detected in groundwater on a figure in the above-mentioned report. Significantly elevated concentrations of TBA have also been detected in groundwater samples collected from site monitoring wells. At this time, it may be advantageous to illustrate contaminant concentrations detected in groundwater on figures. Please include TPH-g, benzene, MTBE, and TBA iso-concentration figures, which utilize aerial photographs as base maps for your site and accurately depict neighboring structures and site features in relation to the groundwater contaminant plumes, in all future reports.
4. **Contaminant Concentrations Versus Time** – BAI has included contaminant concentrations in groundwater versus time graphs for gasoline, benzene and MTBE. Based on the MTBE data, several spikes in MTBE concentrations are depicted between 1998 and 2004. Groundwater elevation data was not included in the figure, all three wells were superimposed on the same graph, and an adequate evaluation of the nature of the release (i.e. possible causes) was not included in the SCM. At this time, please prepare separate graphs for each well and include groundwater elevation data and an interpretation and evaluation of the data. Since significantly elevated concentrations of TBA have also been detected in groundwater samples collected from site monitoring wells, a TBA concentration versus time graph also appears warranted. Please address the above-mentioned concerns and submit a work plan addendum due by the date specified below.

NOTIFICATION OF FIELDWORK ACTIVITIES

Please schedule and complete the fieldwork activities by the date specified below and provide ACEH with at least three (3) business days notification prior to conducting the fieldwork including routine groundwater sampling.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Paresh Khatri), according to the following schedule:

- **June 8, 2009** – Soil and Water Investigation Work Plan Addendum
- **Due within 30 Days of Sampling** – Quarterly Monitoring Report (2nd Quarter 2009)
- **Due within 30 Days of Sampling** – Quarterly Monitoring Report (3rd Quarter 2009)
- **Due within 30 Days of Sampling** – Quarterly Monitoring Report (4th Quarter 2009)
- **Due within 30 Days of Sampling** – Quarterly Monitoring Report (1st Quarter 2010)

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.

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AGENCY OVERSIGHT

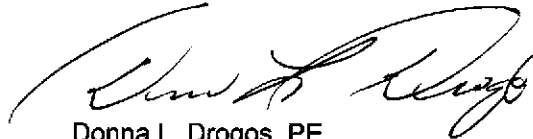
If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Thank you for your cooperation. If you have any questions, please call me at (510) 777-2478 or send me an electronic mail message at paresh.khatri@acgov.org.

Sincerely,



Paresh C. Khatri
Hazardous Materials Specialist



Donna L. Drogos, PE
Supervising Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Tom Venus, Broadbent & Associates, 1324 Mangrove Ave., Suite 212, Chico, 95926
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA
94612-2032
Donna Drogos, ACEH
Paresh Khatri, ACEH
GeoTracker
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.