



FACT SHEET
SHELL/SABEK FORMER SERVICE STATION
February 6, 2008

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

Site Location: Shell/Sabek Former Service Station, 1230 14th Street, Oakland, California 94607

Fuel Leak Case #RO0000433 and Geotracker Global ID # T0600101691

Summary – This fact sheet has been prepared to inform community members and other interested parties of the status of a proposed soil and groundwater cleanup at a former service station site at 1230 14th Street in Oakland, California. Mr. Andrew Saberi, the lead responsible party for the fuel leak case, is proposing soil vapor extraction and air sparging or dual-phase extraction and air sparging to cleanup up gasoline contamination that resulted from fuel leaks at the former service station. Soil vapor extraction (SVE) applies a vacuum to unsaturated soils above the water table to induce a controlled flow of air containing volatile and some semi-volatile contaminants removed from the soil. Dual-phase extraction (DPE) uses vacuum extraction along with groundwater extraction to dewater shallow saturated soils and expose more soil for vacuum extraction. Extracted air will be treated at the surface to remove fuel hydrocarbons from the vapor. Air sparging will be implemented along with either SVE or DPE. Air sparging injects air below the water table to volatilize contaminants in groundwater that can be then recovered by vacuum extraction (either SVE or DPE). Air sparging also increases the oxygen content of groundwater, which may also increase the rate of biodegradation of petroleum hydrocarbons in groundwater. A pilot test is planned to evaluate whether SVE or DPE is more appropriate for the site. SVE or DPE will be implemented with air sparging using several wells located throughout the area of contamination. Aboveground equipment used for the SVE/DPE/air sparging system will be located near or within the existing building at the site.

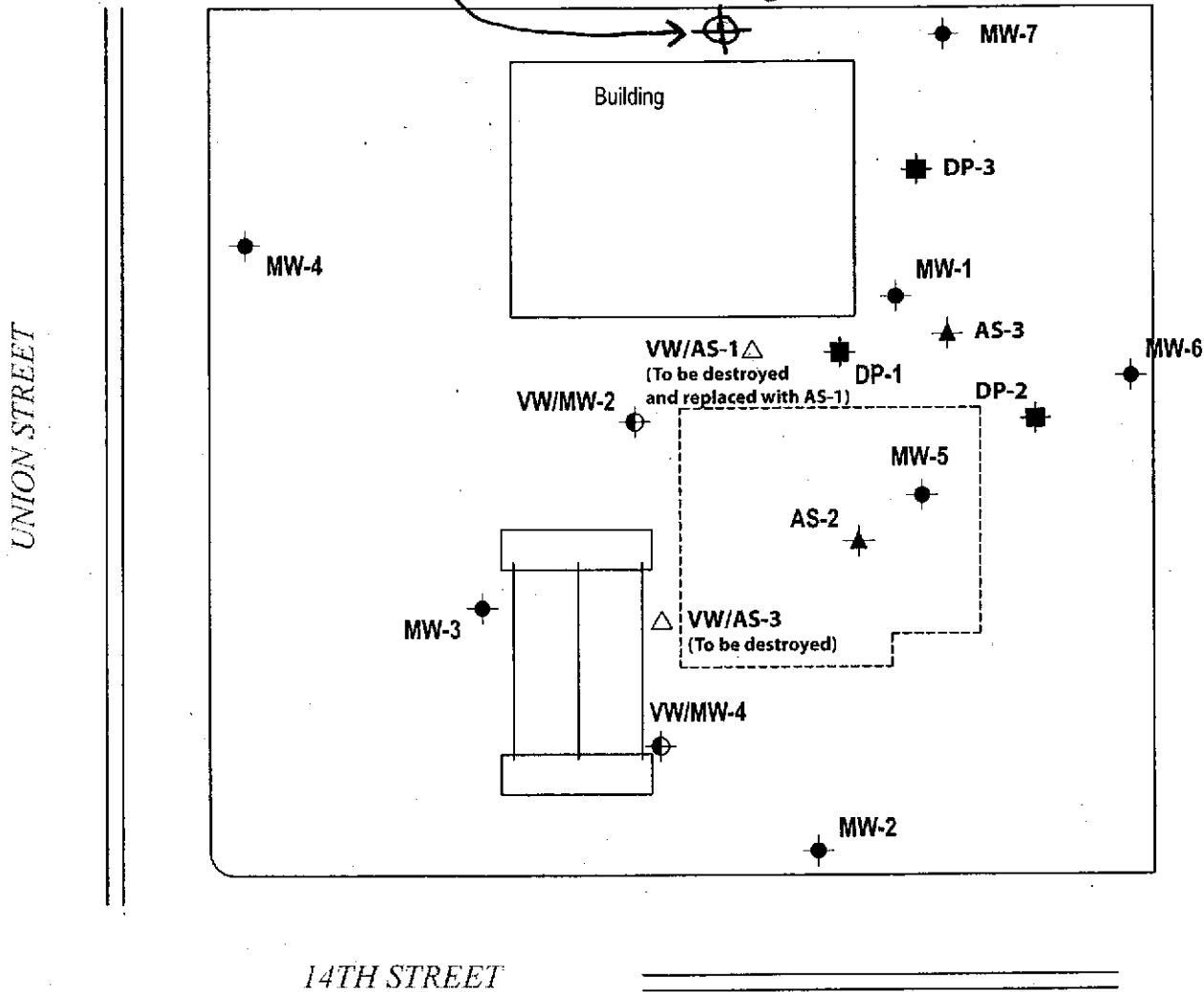
Background – The site was a service station from approximately 1958 to 1993. Four gasoline underground storage tanks were removed from the site in 1993. Environmental investigations conducted to date have delineated an area of petroleum hydrocarbons in soil and groundwater within the central portion of the site (area of the former USTs) and extending along the groundwater direction to the northeast. An abandoned one-story building and a pump island canopy currently occupy the site.

Next Step – Mr. Andrew Saberi is working with Alameda County Environmental Health (ACEH) to implement a soil and groundwater cleanup at the site. The proposed remedial alternatives are described in a report prepared by Pangea Environmental Services, Inc. on behalf of Mr. Saberi: "Draft Corrective Action Plan and Pilot Test Work Plan," dated January 18, 2008. The public is invited to review and comment on the cleanup action proposed in this Draft CAP. These reports can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board Geotracker website ([http://www.swrcb.ca.gov/ust/cleanup/electronic reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic%20reporting)). The reports and case file are also available for review at the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 (please send a fax to 510-337-9335 to request a date and time to review the files). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by March 15, 2008** will be considered and responded to prior to a final determination on the proposed cleanup.

Additional information: Contact Jerry Wickham of the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 at 510-567-6791 or by email at jerry.wickham@acgov.org

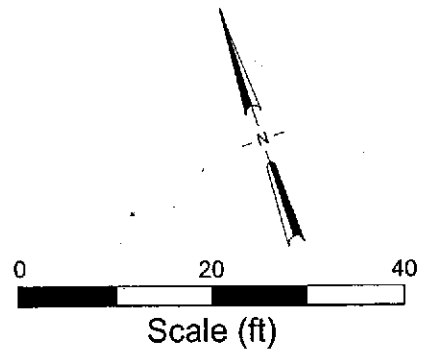
Attachment B

Additional Soil Vapor Monitoring Well



EXPLANATION

- DP-1 ■ Proposed dual phase extraction (DPE) well
- AS-1 ▲ Proposed air sparge well (AS)
- Groundwater monitoring well
- ⊕ Combination soil vapor extraction well/monitoring well
- △ Combination soil vapor extraction well/air sparge well (to be destroyed)
- ↗_{GW} Estimated groundwater flow direction



Figure

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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)