

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director



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

January 16, 2009

Aaron Costa
Chevron Corporation
6111 Bollinger Canyon Road, Room 3660
San Ramon, CA 94583

Hooshang Hadijian
Dublin Auto Wash
1821 Castle Gate Road.
Walnut Creek, CA 94595

Iver and Janice Hilde
c/o Lange Enterprises
6500 Dublin Boulevard., #202
Dublin, CA 94568

Subject: Corrective Action Plan for Fuel Leak Case No. RO0000304 and GeoTracker Global ID T0600100355, Chevron #9-2582, 7240 Dublin Boulevard, Dublin, CA 94568

Dear Mr. Costa, Mr. Hadijian and Mr. and Ms. Hilde:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site including the recently submitted document entitled, "Interim Remediation Report and Corrective Action Plan" and the "Groundwater Monitoring Report – Third Quarter 2008," both dated December 9, 2008, and prepared by Pangea Environmental Services, Inc. (Pangea) for the subject site. Based on pilot testing, Pangea concluded that a "short-term dual phase extraction (DPE)" system is the most appropriate and cost-effective technology for site remediation. Pangea also proposed a reduction in the groundwater sampling frequency for several site groundwater monitoring wells.

The remediation alternative presented in the Corrective Action Plan (CAP) is acceptable. However, public participation is a requirement for the CAP process. Therefore, ACEH will notify potentially affected stakeholders who live or own property in the surrounding area of the proposed remediation described in the "Interim Remediation Report and Corrective Action Plan" through mailing of a fact sheet (enclosed). Public comments on the proposed remediation will be accepted for a period of thirty days beginning Monday, January 19, 2009 through Wednesday, February 18, 2009. Following the public comment period, the comments received including ACEH's comments described below, must be addressed and incorporated into a Final CAP.

TECHNICAL COMMENTS

1. **ACEH & GeoTracker Electronic Submittal Reconciliation** – According to our records, reports have been submitted to GeoTracker, which have not been uploaded to ACEH's ftp site and vice versa. Please reconcile both data depositories and upload the missing submittals to the applicable data depository by the date specified below. Please note that ACEH LOP case files are available on the internet at <http://www.acgov.org/aceh/lop/ust.htm>.

2. **Post Remediation Confirmation Sampling** – Following treatment system operation, confirmation soil, soil vapor, and/or groundwater sampling may be required to verify treatment system effectiveness. Please be aware that a work plan to collect necessary data will be requested following treatment system cessation.

3. **Groundwater Contaminant Plume Monitoring** – Pangea proposes to reduce sampling frequencies for several groundwater monitoring wells located at the site. Specifically, Pangea proposes annual monitoring (first quarter of each year) of all sixteen (16) site wells located in the upper, shallow (AA-zone), shallow (A-zone), and/or intermediate-depth (B-zone) groundwater zones. In addition, sampling of six (6) key groundwater monitoring wells (MW-1, MW-2, MW-3A, MW-6A, MW-7AA, and MW-8A) will be conducted quarterly at the site. ACEH concurs with Pangea's proposed groundwater monitoring program. Please perform groundwater monitoring and submit reports by the dates 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.

TECHNICAL REPORT REQUEST

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

- **January 30, 2009** – Quarterly Monitoring Report (4th Quarter 2008)
-
- **February 18, 2009** – End of 30-day Public Participation Period

- **March 20, 2009** – Submittal of Final CAP

- **April 30, 2009** – Quarterly Monitoring Report (1st Quarter 2009)

- **July 30, 2009** – Quarterly Monitoring Report (2nd Quarter 2009)

- **October 30, 2009** – Quarterly Monitoring Report (3rd Quarter 2009)

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.

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

Mr. Costa, Mr. Hadjian and Mr. and Ms. Hilde
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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) 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
Public Participation Fact Sheet
List of Fact Sheet Recipients

cc: Bob Clark-Riddell, Pangea Environmental Services, Inc., 1710 Franklin Street, Suite 200,
Oakland, CA 94568
Cheryl Dizon (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551
Donna Drogos, ACEH
Paresh Khatri, 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)

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FACT SHEET ON ENVIRONMENTAL ASSESSMENT

DUBLIN AUTO WASH (FORMER CHEVRON #9-2582)

7240 Dublin Boulevard, Dublin, CA 94568

Fuel Leak Case No. RO0000304 and

GeoTracker Global ID T0600100355

Site Remediation Summary

This fact sheet has been prepared to inform community members and other interested stakeholders regarding the status of a proposed soil and groundwater cleanup at Dublin Auto Wash (former Chevron station) located 7240 Dublin Boulevard, Dublin, California. Mr. Hooshang Hadijian, the lead responsible party for the fuel leak case is proposing in-situ dual phase extraction (DPE) as a remediation technology to cleanup the site.

Site Background

The Dublin Auto Wash is located at the southwest corner of Dublin Boulevard and Village Parkway in Dublin, California. The site elevation is approximately 321 feet above mean sea level (msl), with the topography sloping gently to the south from the central and western portions of the site, toward a flood control channel known as San Ramon Creek. The natural topography slopes gently to the southeast on the eastern portion of the site. Onsite facilities consist of two dispenser islands (four dispensers), three 10,000-gallon underground storage tanks (USTs), and a station building with a car wash. Land use immediately surrounding the site is commercial, with Interstate 680 located southwest of the site, across the flood control channel.

Remediation Alternative: Dual Phase Extraction

DPE is proposed to remediate the soil and groundwater at the site. DPE is a common technique for remediating sites impacted with elevated concentrations of petroleum hydrocarbons and separate-phase hydrocarbons (SPH). This approach targets unsaturated soil, the capillary fringe, and shallow saturated soil. DPE involves the simultaneous extraction of soil vapor and liquid (groundwater/SPH mixture) from site wells using a large above-ground extraction blower. DPE requires a network of extraction and discharge piping to extract, treat and dispose of the extracted soil vapor and groundwater. DPE applications typically require permanently-installed high-amperage electrical service, as well as natural

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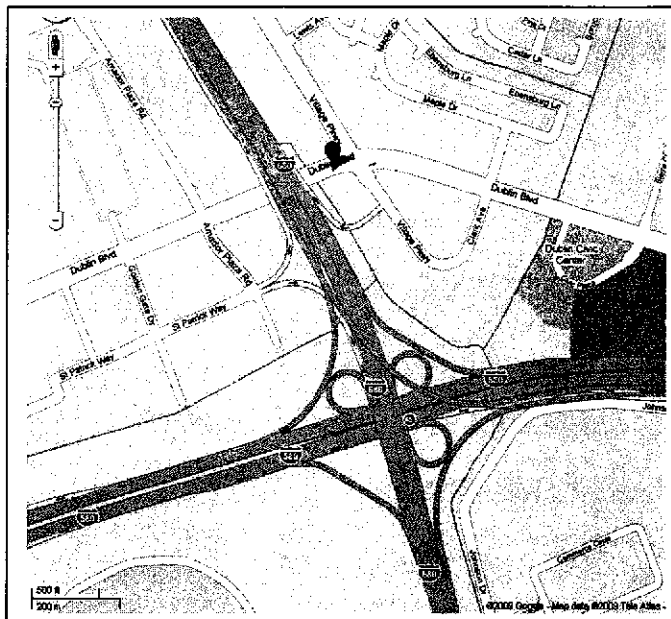
gas or propane for supplemental fuel for vapor treatment via thermal or catalytic oxidizers. Extracted groundwater requires temporary storage and/or treatment prior to discharge to the sanitary sewer. While DPE is most appropriate for sites with moderate permeability, DPE can be used within higher and lower permeability soil with decreased efficiency.

Next Step

Mr. Hooshang Hadijian is working with Alameda County Environmental Health (ACEH) to implement a soil and groundwater cleanup at the site. The proposed alternative is described in a report prepared by Pangea Environmental Services, Inc. on behalf of Mr. Hadijian: "Interim Remediation Report and Corrective Action Plan" dated December 9, 2008. The public is invited to review and comment on the cleanup action proposed in the Report. The report is available on ACEH's website (<http://www.acgov.org/aceh/top/ust.htm>) or the State Water Resources Control Board's GeoTracker website (<http://www.geotracker.waterboards.ca.gov/>). The report and case file are also available for review at the ACEH located at 1131 Harbor Bay Parkway in Alameda, California. Please send a fax to 510-337-9335 to request a date and time to review the case file. Please send written comments regarding the corrective action to Paresh Khatri at the address below. All written comments received by **February 18, 2009** will be forwarded to the Responsible Party and will be considered and responded to prior to a final determination on the proposed cleanup.

For Additional information, please contact:

Paresh Khatri	Bob Clark-Riddell
Alameda County Environmental Health	Pangea Environmental Services, Inc.
1131 Harbor Bay Parkway, Ste 250	1710 Franklin Street, Ste 200
Alameda, CA 94502	Oakland, CA 94612
Phone: 510-777-2478	Phone: 510-435-8664
E-mail: paresh.khatri@acgov.org	E-mail: BRiddell@pangeaenv.com



LIST OF FACT SHEET RECIPIENTS

JAMES YOO
ALAMEDA COUNTY FLOOD CONTROL
DISTRICT
399 ELMHURST ST
HAYWARD CA, CA 94544

CHERYL DIZON
ZONE 7 WATER AGENCY
100 NORTH CANYONS PKWY
LIVERMORE, CA 94551

CANDACE FITZGERALD
COUNTY OF ALAMEDA
GSA REAL PROPERTY MANAGEMENT
1401 LAKESIDE DRIVE
OAKLAND CA, CA 94612

DUBLIN FOOD SERVICES ONE INC
399 TAYLOR BLVD
PLEASANT HILL CA, CA 94523

ELLWOOD PATRICK & DENISE A ETAL
1345 GRAND AVE
PIEDMONT CA, CA 94610

GREEN BEAR ETAL
PO BOX 1358
PLEASANTON CA, CA 94566

HARMEN CAFES EMPLOYEES PROFIT
SHARING PLAN
PO BOX 572530
SALT LAKE CITY UT, CA 84157

HILDE IVER R & JANICE E TRS & LANGE
JAMES E & ETAL
6500 DUBLIN BLVD
DUBLIN CA, CA 94568

MCDONALDS CORPORATION
2268 CAMINO RAMON
SAN RAMON CA, CA 94583

RESIDENT
6602 VILLAGE PKWY
DUBLIN CA, CA 94568

RESIDENT
7145 DUBLIN BLVD
DUBLIN CA, CA 94568

RESIDENT
6500 VILLAGE PKWY
DUBLIN CA, CA 94568

RESIDENT
7110 DUBLIN BLVD
DUBLIN CA, CA 94568

RESIDENT
7127 DUBLIN BLVD
DUBLIN CA, CA 94568

RESIDENT
7143 DUBLIN BLVD
DUBLIN CA, CA 94568

RESIDENT
6797 VILLAGE PKWY
DUBLIN CA, CA 94568

RESIDENT
6568 VILLAGE PKWY
DUBLIN CA, CA 94568