

ALAMEDA COUNTY  
**HEALTH CARE SERVICES  
AGENCY**

REBECCA GEBHART, Interim Director



DEPARTMENT OF ENVIRONMENTAL HEALTH  
LOCAL OVERSIGHT PROGRAM (LOP)  
For Hazardous Materials Releases  
1131 HARBOR BAY PARKWAY, SUITE 250  
ALAMEDA, CA 94502  
(510) 567-6700  
FAX (510) 337-9335

November 3, 2016

**RO0000231 Responsible Parties:**

James Kiernan  
Chevron Environmental Management Company  
6101 Bollinger Canyon Road, Suite 5213  
San Ramon, CA 94583  
(Sent via E-mail to: [jkiernan@chevron.com](mailto:jkiernan@chevron.com))

Ed Ralston  
Phillips 66 Company  
76 Broadway  
Sacramento, CA 95818  
(Sent via E-mail to: [Ed.C.Ralston@p66.com](mailto:Ed.C.Ralston@p66.com))

Muhammad Usman  
800 Harrison Street  
Oakland, CA 94607

Mahmood M Ali  
Armsco, Inc.  
P.O. Box 5427  
Novato, CA 94948-5427

**RO0000321 Responsible Parties:**

Peter Yee  
1000 San Antonio Avenue  
Alameda, CA 94501

Kin Chan  
4328 Edgewood Avenue  
Oakland, CA 94602-1316

**RO0000484 Responsible Parties:**

Bo Gin  
342 Lester Avenue  
Oakland, CA 94606-1317

Subject: August 30, 2016 Meeting Summary and Technical Report Request for Commingled Plume for Fuel Leak Case No. RO0000231 (GeoTracker Global ID T0600101486), Unocal #0752, 800 Harrison Street, Oakland, CA 94607; Fuel Leak Case No. RO0000321 (GeoTracker Global ID T0600102122), Chan's Service Station/Shell, 726 Harrison Street, Oakland, CA 94607; and Fuel Leak Case No. RO0000484 (GeoTracker Global ID T0600100985), Oakland Auto Parts, 706 Harrison Street, Oakland, CA 94607

Dear Responsible Parties:

We recently participated in a meeting on August 30, 2016. Attendees of the meeting included James Kiernan (Chevron Environmental Management Company [Chevron]; Kathy Brandt (Arcadis); and Dilan Roe and Kit Soo (Alameda County Department of Environmental Health [ACDEH]).

The purpose of the meeting was to discuss the three fuel leak cases (listed below) which are part of the Commingled Plume Account (CPA) Program, a subaccount under the Underground Storage Tank (UST) Cleanup Fund Program, for this site. We understand that the CPA application (#0068) was accepted by the State Water Board in 2014. The CPA Program was created to encourage and assist responsible parties in coordinating cleanup efforts where commingled plumes exist. A "commingled plume" means the condition that exists when groundwater contaminated with petroleum from two or more discrete unauthorized releases have mixed or encroached upon one another to the extent that the corrective action performed on one plume will necessarily affect the other.

The joint claimants for CPA #0068 and their associated fuel leak cases are listed below. ACDEH understands that Chevron is the appointed representative for corrective action at the site, for itself and as Attorney-in-Fact for Union Oil Company of California (Union Oil):

- RO0000484 - 706 Harrison Street Property is a former ARCO service station owned by Mr. Bo Gin. This property currently contains an asphalt parking lot. Former facilities at the 706 Harrison Street Property included four 1,000-gallon and two 6,000-gallon fuel USTs, one steel waste oil UST, product line piping, pump islands, and a station building. The USTs and associated piping were reported to have been removed in January 1991.
- RO0000321 - 726 Harrison Street is a former Shell service station owned by Mr. Peter Yee. This property currently contains an asphalt parking lot and one building used for commercial usage associated with the parking lot. Former facilities at the 726 Harrison Street Property included three 4,000-gallon USTs, one 8,000-gallon fuel UST, one steel 1,000-gallon waste oil UST, product line piping, pump islands, and a station building. The USTs and associated piping were reported to have been removed in October 1995.
- RO0000231 - 800 Harrison Street is an active 76 Station (Union Oil) owned by Mr. Muhammad Usman. Current station facilities include a single-story convenience store, three product dispenser islands under two canopies, and two 12,000-gallon double-walled poly-steel gasoline USTs.

The site is located in a mixed commercial and residential area.

Benzene and MTBE have been detected in groundwater samples at concentrations greater than the Low-Threat Closure Policy Groundwater-Specific Criteria 2 and 4. As a result, a Remedial Action plan (RAP), dated April 18, 2014, prepared by ARCADIS on behalf of Chevron and Union Oil was submitted. The full-scale remedy proposed in the RAP is based on site characterization and pilot test findings, which selected Air Sparging/Soil Vapor Extraction (AS/SVE) as the most appropriate technology to treat hydrocarbon impacts at the site. Specifically, impacted soil will be treated via SVE and groundwater will be treated through AS.

ACDEH approved the 2014 RAP in the directive letters dated July 14, 2014 and March 11, 2015. However, due to permitting, PG&E scheduling, system selection, and CPA budget approval issues, installation of the remedial system has been delayed.

During the August 30, 2016 meeting, Chevron provided an update on the remaining activities that need to be resolved prior to system installation and startup:

- Remediation Equipment Availability
- Relocation of the Oxidizer. The oxidizer will need to be relocated because the initially proposed location is not a viable location due to an accident occurring in that area which brought up safety concerns. The new location of the oxidizer is likely on the 706 Harrison Street Property but Chevron still needs to negotiate on a financial agreement with the site owner.
- Bay Area Air Quality Management District (BAAQMD) Permitting – ACDEH understands that the air permit application has been submitted and is waiting for finalization of the permit.

## TECHNICAL REPORT REQUEST

As discussed during the meeting, ACDEH request the following:

- Letter report which documents proposed change to the approved system, including the trenching design due to where the oxidizer will ultimately reside. Please include a revised schedule for the installation and implementation of the proposed system, associated notification/public participation period, groundwater monitoring program etc. – Submit to ACDEH prior to system installation for review and approval.
- Remediation Start-Up Report presenting documentation and information on the system installation, inspection, start-up and testing to verify that the operation meets or exceeds performance design criteria. The report should include but not limited to data/information on equipment operating performance, system control functionality, measurement accuracy, compliance for applicable permits, and safety.
- Copy of the CPA Application and Approval for case files.
- 2nd Half 2016 Semi-Annual Groundwater Monitoring Report.

Please upload the documentation to the ACDEH ftp site (Attention: Kit Soo) and to the State Water Resources Control Board's GeoTracker website according to the following schedule and naming convention:

- December 2, 2016 – Letter Report on change in system and trenching design  
File to be named: RAP\_ADD\_yyyy-mm-dd RO231
- December 2, 2016 – CPA Application and Approval Documentation  
File to be named: STATE\_INFO\_yyyy-mm-dd RO231
- December 16, 2016 – Second Half 2016 Semi-Annual Groundwater Monitoring Report  
File to be named: GWM\_R\_yyyy-mm-dd RO231
- February 16, 2017 – Remediation Start-Up Report  
File to be named: REM\_R\_yyyy-mm-dd RO231

Sincerely,

Kit Soo, California PG 8957  
Senior Hazardous Materials Specialist

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

Responsible Parties  
RO0000231, RO0000321, and RO0000484  
November 3, 2016  
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cc: Katherine Brandt, ARCADIS, 2999 Oak Road, Suite 300, Walnut Creek, CA 94597 (*Sent via E-mail to: [Katherine.Brandt@arcadis-us.com](mailto:Katherine.Brandt@arcadis-us.com)*)

Robert Kitay, Aqua Science Engineers, Inc., 55 Oak Ct., Suite 220, Danville, CA 94526 (*Sent via E-mail to: [rkitay@aquascienceengineers.com](mailto:rkitay@aquascienceengineers.com)*)

Dilan Roe, ACEH (*Sent via E-mail to: [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org)*)

Paresh Khatri, ACEH (*Sent via E-mail to: [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org)*)

Kit Soo, ACEH (*Sent via E-mail to: [kit.soo@acgov.org](mailto:kit.soo@acgov.org)*)

GeoTracker, eFile

## Attachment 1

### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

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.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)).

#### 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 Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> May 15, 2014
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> 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

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.**
- 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)

## 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 [deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org)
  - 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, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - 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 [deh.loptoxic@acgov.org](mailto:deh.loptoxic@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.