

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
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

June 27, 2017

Mr. David Patten
Chevron Environmental Management Co.
6101 Bollinger Canyon Road
San Ramon, CA 94583
(Sent via electronic mail to:
drpatten@chevron.com)

Mr. Mark Hom and Anna Cheng
3135 Gibbons Drive
Alameda, CA, 94501-1749
(Sent via electronic mail to:
mark@galvinhom.com)

JL and Jane Bolton
Address Unknown

John Thompson
Address Unknown

Shirley & Ruben Cohen
Address Unknown

Gary & Jerri Fenstermaker
Address Unknown

Claire Cepollina & Fred Martini
Address Unknown

Subject: Request for Meeting; Fuel Leak Case No. RO0000341; (Global ID # T0600100330);
Chevron #9-1153, (3126 Fernside Blvd), 3135 Gibbons Drive, Alameda, CA 94501

Dear Messrs. Patten and Hom, and Ms. Cheng:

Alameda County Department of Environmental Health (ACDEH) staff has reviewed the case file including the *Subsurface Investigation Data Report*, dated November 20, 2015, the communication entitled *Former Chevron Service Station No. 91153*, dated January 13, 2016, and the *First Quarter 2017 Groundwater Monitoring and Sampling Report*, dated May 30, 2017. The communication was prepared by the former Chevron Environmental Management Company (CEMC) Project Manager Mr. Mark Horne, and the two reports were prepared and submitted on your behalf by GHD. Thank you for submitting them.

The subject site is a former Chevron service station which was demolished in June 1986, and redeveloped in 1989 to a residential home in a residential and commercial neighborhood. The house contains a slab-on-grade garage, while a crawl space underlays living areas.

The *Subsurface Investigation Data Report* documented the installation of soil bores B-9 to B-15 in an effort to further characterize the southwestern and northwestern portions of the site, in particular with respect to exposure to residual benzene and ethylbenzene concentrations in soil. Concentrations of benzene up to 31 milligrams per kilogram (mg/kg) and ethylbenzene up to 180 mg/kg were documented in the 0 to 5 foot depth interval, as were concentrations of up to 6,000 mg/kg Total Petroleum Hydrocarbons as gasoline (TPHg) over an extensive area of the site outside of the footprint of the foundation of the house. Additionally a concentration of 247 mg/kg lead was detected at a depth of three feet below surface grade (bgs), while the residential Environmental Screening Level (ESL), as promulgated by the San Francisco Bay Regional Water Quality Control Board (RWQCB) is 80 mg/kg.

The CEMC communication was generated as a result of a meeting with the CEMC and ACDEH which occurred on December 17, 2015, in response to the generation of the subsurface data cited above, and is understood to be based on the preference of the property owners and house occupants. The communication document outlined a potential mitigation plan for soil, groundwater, and soil vapor contamination at the site that was discussed in the meeting. Elements included a binding agreement with the current property owner, a long-term mitigation plan which would include risk communication, indoor air vapor mitigation, and direct contact mitigation for residential and utility workers. A plan of action for groundwater mitigation was also included in the document.

Due to the significant rainfall event of this past winter, the *First Quarter 2017 Groundwater Monitoring and Sampling Report* documented that the depth to groundwater at the site was artesian in one offsite well

(MW-5), while the remainder of the three onsite and five offsite wells ranged between 0.94 feet bgs and 2.69 feet bgs, with the majority of the water levels in the wells within 1 foot of the ground surface.

Groundwater concentrations in onsite well C-1 were documented to have increased substantially from the previous quarterly groundwater sampling event in December 2016 from 19,000 micrograms per liter (μl) to 67,000 μl TPHg, from 120 μl to 2,500 μl ethylbenzene, and from 120 μl to 7,300 μl total xylenes, while benzene concentrations decreased from 4,500 μl to 2,600 μl . Except for benzene these concentrations were the highest observed at the site in over seven years.

Sheen and odor were noted on groundwater collected from well C-1 at a depth of 0.94 feet bgs. While Light Non-Aqueous Phased Liquids (LNAPL) have not been present in well C-1 for five quarters, LNAPL has previously and similarly disappeared and returned to as much as 1.23 feet of thickness in the well.

Based on the review of the case file, ACDEH requests that you address the following technical comments and send us the documents requested below.

TECHNICAL COMMENTS

- 1) Meeting Request** – Based on a review of the recently collected groundwater data, ACDEH requests a meeting with all stakeholders including the current property owners, to discuss contamination at the site, risk to human health and the environment, and appropriate interim and long-term remedial / mitigation measures.

Therefore, by the date identified below, ACDEH requests that potential meeting dates be identified and communicated with ACDEH by all parties.

- 2) Quarterly Groundwater Monitoring** - Please continue to conduct quarterly groundwater monitoring at the subject site and submit report on the schedule listed below.

SUBMITTAL ACKNOWLEDGEMENT STATEMENT

Please note that ACDEH has updated Attachment 1 with regard to report submittals to ACDEH. ACDEH will now be requiring a Submittal Acknowledgement Statement, replacing the Perjury Statement, as a cover letter signed by the Responsible Party (RP). The language for the Submittal Acknowledgement Statement is as follows:

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's Geotracker Website.

Please make this change to your submittals to ACDEH.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACDEH ftp site (Attention: Mark Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the specified file naming convention below, according to the following schedule:

- **July 17, 2017** – Potential Meeting Dates of All Responsible Parties
Email Notification to Case Worker
- **September 1, 2017** – Second Quarter 2017 Groundwater Monitoring
File to be named: RO341_GWM_R_YYYY-mm-dd
- **December 15, 2017** – Third Quarter 2017 Groundwater Monitoring
File to be named: RO341_GWM_R_YYYY-mm-dd
- **March 2, 2018** – Fourth Quarter 2017 Groundwater Monitoring
File to be named: RO341_GWM_R_YYYY-mm-dd

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.

Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark E. Detterman", with a stylized flourish extending to the right.

Mark E. Detterman, PG, CEG
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: Kiersten Hoey, GHD, 5900 Hollis Street, Suite A, Emeryville, CA 94608
(Sent via electronic mail to: kiersten.hoey@ghd.com)

Dilan Roe, ACDEH, (Sent via electronic mail to: dilan.roe@acgov.org)

Paresh Khatri, ACDEH; (Sent via electronic mail to: paresh.khatri@acgov.org)

Mark Detterman, ACDEH, (Sent via electronic mail to: mark.detterman@acgov.org)

Electronic File; GeoTracker

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

Alameda County Department of Environmental Health's (ACDEH) Environmental Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) 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 File Transfer Protocol (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 SCP 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 (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/) for more information on these requirements.

ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website." 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 6731, 6735, and 7835) 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 licensed 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 case meet this requirement. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsg.ca.gov/laws/index.shtml>.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late 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.

Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	REVISION DATE: December 1, 2016
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010; May 15, 2014, November 29, 2016
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) 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.
 - 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) Open File Explorer using the Windows  key + E keyboard shortcut.
 - i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
 - b) On the address bar, type in ftp://alcoftp1.acgov.org.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive)
 - d) Click Log On.
 - e) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - f) 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 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.