

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 15, 2017

Mark A. Jacobson & Ilona J. Frieden
811 Paramount Road
Oakland, CA 94610
(Sent via electronic mail to:
jjallison@medsfgh.ucsf.edu)

James E. Allison & Margaret Linderstein
214 Highland Avenue
Piedmont, CA 94611
(Sent via electronic mail to:
mjacobson@php.ucsf.edu)
(Sent via electronic mail to:
mlinderstein@gmail.com)

Subject: Interim Remedial Action Plan Request; Fuel Leak Case No. RO0003143 (GeoTracker Global ID T10000006106), Paramount UST, 811 Paramount Road, Oakland, CA 94610

Dear Responsible Parties:

Alameda County Department of Environmental Health (ACDEH) staff has reviewed the case files including the *Data Package for the Sump, Soil-Gas and Soil Bores Related to a Former Residential Underground Heating Oil Tank*, dated October 18, 2017, submitted on your behalf by Stellar Environmental Solutions, Inc. (Stellar). Thank you for submitting the data package.

The referenced package documented the installation of soil bores SB-8 to SB-11, collection of additional soil gas samples from select locations, the collection of a sump water sample to determine if the sump is acting as a preferential pathway for water, and to understand if the water is a non-point source when pumped and discharged to the street.

The soil bores appear to have limited the lateral extent of residual contamination that was documented in soil bore SB-7. Concentrations up to 20,000 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbons as diesel (TPHd), 2,000 mg/kg Total Petroleum Hydrocarbons as gasoline (TPHg), 480 mg/kg TPH as motor oil (TPHmo), and 38 mg/kg naphthalene were documented in SB-7. The highest concentrations in SB-7 were generally detected at a depth of 12.5 to 13 feet below grade surface (bgs), and while concentrations decreased substantially at 13.5 to 14 feet bgs, the vertical extent was not defined. The highest concentrations documented in recently installed soil bores SB-8 to SB-11 were 1.1 milligrams per kilogram (mg/kg) TPHd, 3.0 mg/kg TPHg, and less than approximately 0.0059 mg/kg benzene, ethylbenzene, and naphthalene.

Please be aware that due to the consistency of multiple lines of evidence relative to TPHg concentrations, ACDEH has concluded that gasoline was stored, and leaked from, the former heating oil UST at some point in the past. Additionally, due to the presence of a basement at the residential home, substantial portions of the separation distance relied on in the Low Threat Closure Policy (LTCP) to isolate contamination at depth from receptors, in this case to indoor air exposures, have been removed.

Low detectable concentrations of petroleum hydrocarbons were documented in the sump water sample. The sump is located at the southeastern corner of the house, and the French drain that is connected to it runs along all sides of the house, including the northern and eastern perimeters of the house. The sample was created by running the irrigation system for approximately 24 hours in order to cause limited run-off during the dry season. It was also verbally reported in the September 19, 2017 meeting that a thick black liquid was encountered during the excavation of the French drain and sump during the home remodel several years ago. The exact location of the liquid is not known; however, is in proximity to the French drain. The two lines of evidence indicate a preferential pathway has been created with the installation of the French drain. When coupled with the documented naphthalene vapor intrusion into the basement, and the first floor living space, it is apparent that a vapor migration pathway was also created around the house, and thus it is appropriate to proceed to Interim Remedial Actions.

Therefore, at this juncture ACDEH requests that you prepare a Corrective Action Plan and address the Technical Comments provided below.

TECHNICAL COMMENTS

1. **Interim Remedial Action Plan** - We request that you prepare an Interim Remedial Action Plan (IRAP) that meets the provisions of section 2725 of the UST regulations (CCR, Title 23, Chapter 16, section 2600, et seq.) and includes the following minimum information:
 - Proposed cleanup goals and the basis for cleanup goals.
 - Summary of site characterization data.
 - Evaluation of a minimum of three active remedial alternatives including discussion of feasibility, cost effectiveness, estimated time to reach cleanup goals, and limitations for each remedial alternative.
 - Detailed description of the implementation of the proposed remediation including confirmation sampling and monitoring during implementation, dust monitoring, and the management of contaminated soil.
 - Schedule for implementation of cleanup.

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 following specified file naming convention below and schedule:

- **January 29, 2018** – Interim Remedial Action Plan
File to be named: RO3143_IRAP_R_yyyy-mm-dd

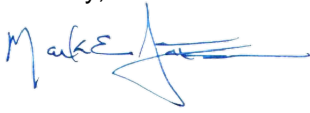
These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

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

Responsible Parties
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Should you have any questions, please contact 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 Detterman', with a long horizontal flourish extending to the right.

Mark Detterman, PG, CEG
Senior Hazardous Materials Specialist

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

cc: Amitai Schwartz, 200 Powell Street, Suite 1286, Emeryville, CA 94608; (Sent via electronic mail to: amitai@schwartzlaw.com)

Henry Pietropaoli, Stellar Environmental Solutions, Inc, 2198 Sixth Street, Suite 201, Berkeley, CA 94710, (Sent via electronic mail to: hpietropaoli@stellar-environmental.com)

Richard Makdisi, Stellar Environmental Solutions, Inc, 2198 Sixth Street, Suite 201, Berkeley, CA 94710, (Sent via electronic mail to: rmakdisi@stellar-environmental.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.