



December 28, 2016

Alice Ng Lim and May Lee Lim
C/o Russell Lim
(Sent via E-mail to: rulim@comcast.net)
3111 Diablo Road
Lafayette, CA 94549

Subject: Case File Review for Fuel Leak Case No. RO0000479 and GeoTracker Global ID T0600100535, Lim Family Property, 250 8th Street, Oakland, CA 94607

Dear Mr. Lim:

Alameda County Department of Environmental Health (ACEH) staff has reviewed the fuel leak case files for the above referenced sites including the *Updated Site Map and Neighboring Property Basement Evaluation* (Updated Evaluation), dated October 11, 2016 and the *Workplan for a Soil Vapor Assessment*, dated February 24, 2016.

Based on our review of the above-mentioned reports, ACDEH request that you address the technical comments listed below prior to implementation of the soil vapor assessment.

- Locations of Sampling Points – Figure 2 of the Updated Evaluation presents the proposed locations of the soil vapor sampling points, We request that the proposed location east of boring B-E is moved adjacent to the former soil vapor point SV-7. In addition, another soil vapor point must be added and located near the former soil vapor point SV-1. The basis for moving and adding the borings are to validate the historical results collected at these location because when soil gas results from 2006 and 2008 were compared to each other, the 2008 results were generally two to three magnitudes higher than the 2006 results. The remaining locations proposed on the south side of 8th Street (three offsite locations to assess for offsite impacts) and along the south property boundary (two onsite locations to assess for remediation effectiveness and protectiveness) are fine as proposed. A total of six sampling locations are requested as opposed to the five sampling locations originally proposed.
- Type of Soil Vapor Probe – We request that permanent soil vapor probes be installed as opposed to the proposed temporary soil vapor probes to allow for collection of additional soil vapor samples to assess for trend. The soil vapor probes must be installed in accordance with the protocols referenced in the California Department of Toxic Substances Control (DTSC) *Advisory Active Soil Gas Investigation* (DTSC Guidance), dated July 2015.
- Depth of Soil Vapor Probes – All proposed soil vapor probes must be advanced to 5 feet below the bottom of the observed foundation. Note that previous soil gas data collected in 2006 and 2008 were collected at 3 feet below ground surface (bgs).
- Soil Gas Assembly Test – Complete shut-in, leak test and purging prior to the collection of soil gas samples at each proposed location must be performed, in accordance with the protocols referenced in the DTSC Guidance.
- Addition of Fixed Gasses to the Constituent List – Please add oxygen, carbon dioxide, methane and helium by Modified ASTM Method D-1946 to monitor for biodegradation and natural attenuation indicator; and helium which is often used in the shroud in the field to monitor potential leaks in the sampling train.

SUBMITTAL ACKNOWLEDGEMENT STATEMENT

Please note that ACDEH has updated its Attachment 1 with regards 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 State Water Resources Control Board's GeoTracker website."

Note this change to your submittals to ACDEH.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACDEH ftp site (Attention: Kit Soo), 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. Note that the requested deliverables and schedule as referenced in the September 14, 2016 email directive for the requested deliverables have been revised:

- Within 30 days of approval and no later than January 31, 2017 – Soil vapor sampling implementation
- No later than February 5, 2017 – Groundwater monitoring and sampling of three monitoring wells (MW-2, MW-3 and MW-4R)
- March 2, 2017 – Upload only the summary table containing soil gas results and lab data to ACDEH's ftp site and to Geotracker:
File to be named: RO0479 ANALYT_R_YYYY-mm-dd
- March 2, 2017 – Upload only the summary table containing groundwater results and lab data to ACDEH's ftp site and to Geotracker:
File to be named: RO0479 ADD_R_YYY-mm-dd
- March 16, 2017 – Meeting to discuss the groundwater and soil gas sampling results, and the remediation system evaluation

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>.

Thank you for your cooperation. If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at kit.soo@acgov.org.

Sincerely,

Kit Soo, PG 8957
Senior Hazardous Materials Specialist

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

cc: Craig Lim (*Sent via E- mail to: craiglim@me.com*)

Denise Tom (*Sent via E- mail to: nidt@pacbell.net*)

Andrea Leibert (*Sent via E- mail to: drealeibert@gmail.com*)

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

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

Paresh Khatri, ACDEH, (*Sent via E-mail to: paresh.khatri@acgov.org*)

Kit Soo, ACDEH, (*Sent via E-mail to: kit.soo@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.