



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

July 10, 2012

Ms. Ann Conner (Sent via E-mail to: apb1@pge.com)
PG&E
3401 Crow Canyon Road, Room 176C
San Ramon, CA 94583

Subject: Work Plan and Case File Review for SLIC Case No. RO0003094 and GeoTracker Global ID T10000003439, PG&E, 997 Grant Avenue, San Lorenzo, CA 94580

Dear Ms. Conner:

Alameda County Environmental Health (ACEH) staff has reviewed the Spills, Leaks, Investigations, and Cleanups (SLIC) case file for the above-referenced site including the recently submitted document entitled, "Work Plan for Limited Soil Excavation," dated June 19, 2012 (Work Plan). The Work Plan, which was prepared by Stantec Consulting Services, Inc., presents plans for excavating residual petroleum hydrocarbons in two areas to facilitate development of the site. The site was a former gasoline service station that had a fuel leak resulting in soil and groundwater contamination (ACEH case RO0001030). Fuel leak case RO0001030 was closed by ACEH on September 19, 1997 with a requirement to review the corrective action if land use changes in the future.

Prior to implementation of the Work Plan, we request that the Work Plan be revised to address the technical comments below and that the public notification requirements described in technical comment 5 below be met. Therefore, we request that you address the technical comments below and submit the requested items.

REQUEST FOR INFORMATION

The Work Plan references a "Phase I Environmental Site Assessment," dated December 10, 2010. We request you submit an electronic copy of the Phase I ESA to the ACEH case files per the attached instructions for document submittal. Please submit copies of any other reports you have documenting additional investigation activities or other work that are relevant to the environmental conditions at the site that are not currently in ACEH case files. The additional information is to be submitted **no later than August 12, 2012**. ACEH case files may be reviewed online using the ACEH website (<http://www.acgov.org/aceh>).

TECHNICAL COMMENTS

1. **Extent of Excavation.** The Work Plan proposes a defined extent of excavation for each of the two areas. We request that the excavations be extended laterally or vertically to remove visually stained soil, soil with elevated PID readings, or odorous soil prior to confirmation soil sampling. For the Former UST Excavation (SB-6), we request that the initial target area be expanded from a five foot by five foot area to a 10 foot by 10 foot area around SB-6. The proposed depths of excavation are acceptable.

2. **Collection of Confirmation Soil Samples.** The Work Plan proposes that confirmation soil samples will be collected from each sidewall and the bottom of the excavation. We request that sidewall confirmation soil samples be collected from any zone in the exposed sidewall where visual inspection or field screening indicates contamination remains in place. If no contamination is observed by visual inspection or field screening, the sidewall confirmation soil samples in the Former Fuel Dispenser Island (SB-11) are to be collected from a depth of 3.5 feet bgs. . If no contamination is observed by visual inspection or field screening, the sidewall confirmation soil samples in the Former UST Excavation (SB-6) are to be collected from a depth of 10 feet bgs. Additional confirmation soil samples may be required if requested during field inspection by ACEH. Please provide ACEH with 48 hours notification
3. **Analytes for Confirmation Soil Samples from Former Fuel Dispenser.** In addition to analysis for TPHd using EPA Method 8015, we request that the confirmation soil samples from the Former Fuel Dispenser Excavation also be analyzed for TPHg and VOCs using EPA method 8260B.
4. **Imported Fill.** We have no objection to backfilling the excavations with clean imported fill. Prior to fill material being brought to the site, the fill must meet all criteria for imported fill material as presented in the DTSC "*Information Advisory, Clean Imported Fill Material,*" dated October 2001.
5. **Fact Sheet.** Public participation is a requirement for the corrective action and case closure process. In order to notify potentially affected members of the public of the proposed action, a Fact Sheet will need to be distributed to nearby landowners and residents as well as any other interested persons. Therefore, we request that you review the attached Fact Sheet and either provide comments to ACEH requesting changes to the Fact Sheet or distribute the Fact Sheet to the attached mailing list of nearby landowners and residents **no later than July 16, 2012**. In addition to the attached mailing list, the Fact Sheet is also to be distributed to any persons, corporations, or government agencies you are aware of that may have an interest in this fuel leak case. Duplicate addresses can be deleted. Please send written notice to ACEH when the Fact Sheets are distributed.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 17, 2012** – Verification that Fact Sheet has been distributed
- **August 12, 2012** – Revised Excavation Work Plan

Ann Conner
RO0003094
July 10, 2012
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If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org. Online case files are available for review at the following website: <http://www.acgov.org/aceh/index.htm>.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachment: Fact Sheet
Mailing List
Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Greg Hoehn, Stantec, 57 Lafayette Circle, 2nd Floor, Lafayette, CA 94549 (*Sent via E-mail to:*
Greg.Hoehn@stantec.com)

Loren Loo, PG&E, 3401 Crow Canyon Road, San Ramon, CA 94583 (*Sent via E-mail to:*
LHL1@pge.com)

Donna Drogos, ACEH (*Sent via E-mail to:* donna.drogos@acgov.org)
Jerry Wickham, ACEH (*Sent via E-mail to:* jerry.wickham@acgov.org)

GeoTracker, eFile



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FACT SHEET
PG&E
July 11, 2012

Site Location: PG&E, 997 Grant Avenue, San Lorenzo, CA 94580
SLIC Case #RO0003094 and GeoTracker Global ID # T10000003439

Summary – This fact sheet has been prepared to inform community members and other interested parties of a plan to excavate and remove residual petroleum hydrocarbon contaminated soil from a Pacific Gas & Electric Company (PG&E) property located at the intersection of Washington Avenue and Grant Avenue in San Lorenzo, California (see map on the back). PG&E is currently constructing a pig receiving station on a portion of the site and the City of San Lorenzo is planning to develop the remainder of the site into a public park. The residual petroleum hydrocarbons are from a former gasoline service station on the site that had a leaking fuel case. On May 26, 2011, twelve soil borings were advanced at various locations throughout the former gasoline service station to assess current conditions. Analytical results from the soil samples indicated that total petroleum hydrocarbons (TPH) as diesel, TPH as gasoline, benzene, ethylbenzene, and xylenes were present in soil at concentrations that exceeded Environmental Screening Levels developed by the San Francisco Bay Regional Water Quality Control Board. PG&E is proposing excavation of petroleum hydrocarbon contamination from the former service station southern pump island and former underground storage tank (UST) areas. The excavated soil will be disposed off-site as non-Hazardous (Class II) waste at a facility that is permitted to take petroleum-contaminated soil. Dust and odor control measures consisting primarily of wetting and sprinkling will be implemented to minimize airborne dust and odor during excavation. Confirmation soil samples will be collected during and following excavation to confirm that soils with elevated concentrations of petroleum hydrocarbons have been removed. The excavations will be backfilled with clean imported fill.

Background – The site is a 1.4-acre lot that was formerly a gasoline service station until the USTs were removed in December 1990. A PG&E pig-receiving station is under construction in the northern corner of the site and the remainder of the site will be developed as a public park (see map on the back).

Next Step – Pacific Gas & Electric Company is working with Alameda County Environmental Health (ACEH) to implement a soil cleanup at the site. The proposed soil cleanup is described in a plan prepared by Stantec Consulting Services, Inc. on behalf of PGE entitled, “*Work Plan for Limited Soil Excavation*,” and dated June 19, 2012. The public is invited to review and comment on the cleanup action proposed in this Work Plan. This Work Plan and the entire case file can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board Geotracker website (<http://geotracker.swrcb.ca.gov>). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by August 13, 2012** will be considered and responded to prior to a final determination on the proposed cleanup.

Additional information: Contact Jerry Wickham of the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 at 510-567-6791 or by email at jerry.wickham@acgov.org




LEGEND:

- SB-1 SOIL BORING LOCATION (MAY 2011)
- APPROXIMATE PROPERTY BOUNDARY
- x-x- PROPOSED FENCE LINE
- G- PROPOSED 24" UNDERGROUND GAS LINES
- - - FORMER GAS STATION FEATURES



Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server APPROXIMATE SCALE IN FEET

 57 Lafayette Circle, 2nd Floor Lafayette California PHONE: (925) 299-9300 FAX: (925) 299-9302	FOR: PACIFIC GAS AND ELECTRIC COMPANY L105N PROPERTY 997 GRANT AVENUE SAN LORENZO, CA		SITE PLAN		FIGURE: 2
	JOB NUMBER: 185702540.200.0001	DRAWN BY: RRR	CHECKED BY: GH	APPROVED BY: GH	DATE: 05/25/12

ARCHULETTA NICK N &
Parcel #: 412-25-31
964 GRANT AVE
SAN LORENZO CA 94580

BERMUDEZ WILL TR
Parcel #: 412-25-6
15819 VIA DEL PRADO
SAN LORENZO CA 94580

CARDANA JOSEPH P
Parcel #: 412-25-27
15818 VIA DEL PRADO
SAN LORENZO CA 94580

CLEMENTS THOMAS J &
Parcel #: 411-30-4-4
1048 GRANT AVE
SAN LORENZO CA 94580

CLEMENTS THOMAS J &
Parcel #: 412-25-2
2475 DIABLO RANCH PL
DAVILLE CA 94506

COUNTY OF ALAMEDA
Parcel #: 411-30-5
1221 OAK ST #536
OAKLAND CA 94612

CROSS JAMES & CATALINA
Parcel #: 412-25-55
15800 VIA PINALE
SAN LORENZO CA 94580

DUENAS MARTIN
Parcel #: 412-25-32
952 GRANT AVE
SAN LORENZO CA 94580

FIRST CHRISTIAN CHURCH OF
Parcel #: 411-21-8-2
15661 WASHINGTON AVE
SAN LORENZO CA 94580

FITZGERALD GARY W &
Parcel #: 412-25-34
928 GRANT AVE
SAN LORENZO CA 94580

FLORES ERNESTO & FLORES
Parcel #: 412-25-33
3311 OAK BLUFF LN
DUBLIN CA 94568

GUO LICHAN & LI JIN L
Parcel #: 412-25-3
15807 VIA DEL PRADO
SAN LORENZO CA 94580

HU THERESA & LIU GEORGE G
Parcel #: 411-30-6
2615 SAINT MARGARET CT
ALAMEDA CA 94501

HUANG YING X & TANG SOU
Parcel #: 412-25-96
15816 VIA ALAMITOS
SAN LORENZO CA 94580

HUI LAI JING & YING H TRS
Parcel #: 412-25-4
15811 VIA DEL PRADO
SAN LORENZO CA 94580

KING JOHNATHAN
Parcel #: 412-25-54
15810 VIA PINALE
SAN LORENZO CA 94580

KINKADE GERALD L &
Parcel #: 412-25-28
15814 VIA DEL PRADO
SAN LORENZO CA 94580

KNOW MICHAEL W
Parcel #: 412-25-5
15815 VIA DEL PRADO
SAN LORENZO CA 94580

LEI KIT W
Parcel #: 412-25-95
15824 VIA ALAMITOS
SAN LORENZO CA 94580

MIAKHAIL MUSTAFA M &
Parcel #: 412-25-30
976 GRANT AVE
SAN LORENZO CA 94580

MORENO DENNIS TR
Parcel #: 411-30-7
421 W WASHINGTON ST
SUNNYVALE CA 94086

NGUYEN ANH N
Parcel #: 412-25-1-2
15800 VIA ALAMITOS
SAN LORENZO CA 94580

PACIFIC GAS & ELECTRIC CO
Parcel #: 412-22-4-3
245 MARKET N10A ST #1015
SAN FRANCISCO CA 94177

RENNIE JUDITH A
Parcel #: 412-25-35
914 GRANT AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-24-2-8
15775 WASHINGTON AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-24-2-1
15787 WASHINGTON AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-24-2-5
15785 WASHINGTON AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 412-22-7
879 GRANT AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 412-22-3
15700 WASHINGTON AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-24-1
LORENZO AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 412-25-29
15810 VIA DEL PRADO
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-30-5
VIA ALAMITOS
SAN LORENZO CA 94580

RESIDENT
Parcel #: 412-25-2
15803 VIA DEL PRADO
SAN LORENZO CA 94580

RESIDENT
Parcel #: 412-22-4-3
997 GRANT AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-30-6
15809 VIA ALAMITOS
SAN LORENZO CA 94580

RESIDENT
Parcel #: 412-25-33
940 GRANT AVE
SAN LORENZO CA 94580

RESIDENT
Parcel #: 411-30-7
15817 VIA ALAMITOS
SAN LORENZO CA 94580

SAN LORENZO CHURCH OF
Parcel #: 412-22-6
977 GRANT AVE
SAN LORENZO CA 94580

SAN LORENZO UNIFIED
Parcel #: 412-22-7
15510 USHER ST
SAN LORENZO CA 94580

SAN LORENZO UNIFIED
Parcel #: 411-24-1
15510 USHER ST
SAN LORENZO CA 94580

SANDOVAL JOSE A &
Parcel #: 411-30-8
15825 VIA ALAMITOS
SAN LORENZO CA 94580

TORRES JOSE C & CUEVAS
Parcel #: 412-25-97
15808 VIA ALAMITOS
SAN LORENZO CA 94580

WASHINGTON TOWNHOMES
Parcel #: 412-22-3
3640 GRAND AVE #100
OAKLAND CA 94610

WEBSTER ROBERT L TR
Parcel #: 411-24-2-8
60 HILLSDALE MALL
SAN MATEO CA 94403

WEBSTER ROBERT L TR
Parcel #: 411-24-2-1
60 HILLSDALE MALL
SAN MATEO CA 94403

WEBSTER ROBERT L TR
Parcel #: 411-24-2-5
60 HILLSDALE MALL
SAN MATEO CA 94403

WERNER HILBERT G &
Parcel #: 412-25-56
15811 VIA PINALE
SAN LORENZO CA 94580

WERNER HILBERT G &
Parcel #: 412-25-29
15811 VIA PINALE
SAN LORENZO CA 94580

YANG BANGCAI & ZHOU
Parcel #: 412-25-94
15832 VIA ALAMITOS
SAN LORENZO CA 94580

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/).

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.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	REVISION DATE: July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: 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
 - 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 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.