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By Alameda County Environmental Health at 2:19 pm, Nov 01, 2013



Carryl MacLeod
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6506
cmacleod@chevron.com

October 30, 2013

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Texaco Service Station 307233
2259 First Street
Livermore, California
ACEHS Case RO0002908

I accept the Work Plan for Near-Surface Soil Sampling.

I agree with the scope of work presented in this document. The information included is accurate to the best of my knowledge, and appears to meet local agency and Regional Board guidelines. This Work Plan for Near-Surface Soil Sampling was prepared by Conestoga Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

A handwritten signature in cursive script that reads "Carryl MacLeod".

Carryl MacLeod
Project Manager

Attachment: Work Plan for Near-Surface Soil Sampling



**CONESTOGA-ROVERS
& ASSOCIATES**

10969 Trade Center Drive, Suite 107
Rancho Cordova, California 95670
Telephone: (916) 889-8900 Fax: (916) 889-8999
www.CRAworld.com

October 30, 2013

Reference No. 312264

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Work Plan for Near-Surface Soil Sampling
Former Chevron Service Station 307233
2259 First Street
Livermore, California
Agency Case RO2908

Dear Mr. Wickham:

Conestoga-Rovers & Associates (CRA) is submitting this *Work Plan for Near-Surface Soil Sampling* at the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron). In a letter dated July 17, 2013 (Attachment A), Alameda County Environmental Health (ACEH) requested submittal of a work plan for shallow soil sampling. The submittal date for the work plan was subsequently extended to November 5, 2013 as outlined in e-mail correspondence on September 16, 2013.

As requested by ACEH, CRA proposes to sample shallow soil onsite to adequately define the extent of lead in shallow soil such that confirmation soil samples will not be required. Since previous soil samples were collected from depths of 1.5 to 3 feet below grade (fbg), proposed soil sample collection is within the upper 6 to 12 inches of existing surface grade, depending on finished grade.

PROPOSED SCOPE OF WORK

In areas where removal of soil is possible, CRA proposes to collect near-surface soil samples in a 10-foot by 10-foot grid pattern (Figure 2, approximately 55 soil samples) to determine the extent of shallow lead contamination throughout the park. Sample locations that are in conflict with existing vegetation and/or subsurface utilities will be slightly relocated. The City of Livermore (City) has plans to redevelop the park that might include lowering the grade of the knolled portions of the lawn. To insure soil samples are taken from the proper subsurface interval, soil samples will not be collected until the final plans of the redevelopment have been reviewed. Communication with the City on September 25, 2013 indicate that the park renovations will not occur until spring on 2015 as they are initiating a nationwide request for proposal process

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October 30, 2013

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shortly. As such, implementation of this work plan will not be initiated until that point in time to ensure the correct data is collected.

Site Health and Safety Plan

CRA will prepare a site-specific health and safety plan (HASP) to protect site workers during shallow soil excavation and mitigation activities. The plan will be kept onsite, reviewed, and followed during all field activities. The HASP will be signed by all site workers and visitors.

Permits

CRA will obtain the necessary permits (if needed) from the City prior to beginning field operations. A minimum of 48 hours of notice will be given to ACEH prior to beginning activities.

Utility Location

CRA will mark the site for Underground Service Alert (USA) clearance. USA and a licensed geophysicist will be contacted a minimum of 48 hours prior to field activities to mark and identify locations of utilities on site.

Sampling: Soil samples will be collected from the top six inches of the finished grade (will be determined once the City has finalized the renovation plans). Samples will be collected in 6-inch long, 2-inch diameter brass or stainless steel sleeve driven into the ground (after removing any grass if present) using a slide hammer. If the finished grade is lower than the current grade, a hand-auger will be used to bore to the finished grade prior to collecting the sample. Soil sample containers submitted for analysis will be labeled, entered onto a chain-of-custody form, packed on ice, and sent to Eurofins Lancaster Laboratory Environmental, LLC in Lancaster, Pennsylvania.

Sample locations will be backfilled with clean soil and the grass will be replaced where needed.

Chemical Analyses: Soil samples will be analyzed for the following:

- Total Lead by EPA Method 6010

Reporting

Upon completion of the above activities, CRA will prepare a report that will include the following:

- A summary of soil sampling activities



**CONESTOGA-ROVERS
& ASSOCIATES**

October 30, 2013

Reference No. 312264

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- Tabulated analytical results
- A map showing the extent of proposed shallow excavation
- Analytical reports and chain-of-custody forms
- CRA's conclusions and recommendations

Schedule: CRA will begin the proposed work upon approval of this work plan by the ACEH and the City's finalization of park renovation plans. As mentioned above, the City expects to start the park renovations in spring of 2015. CRA will notify ACEH before implementing the work plan. CRA will submit a report of findings approximately 60 days following the receipt of all final analytical data.

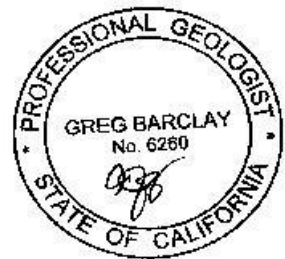
Please contact Brian Silva at (916) 889-8908 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Brian Silva

Greg Barclay, PG 6260



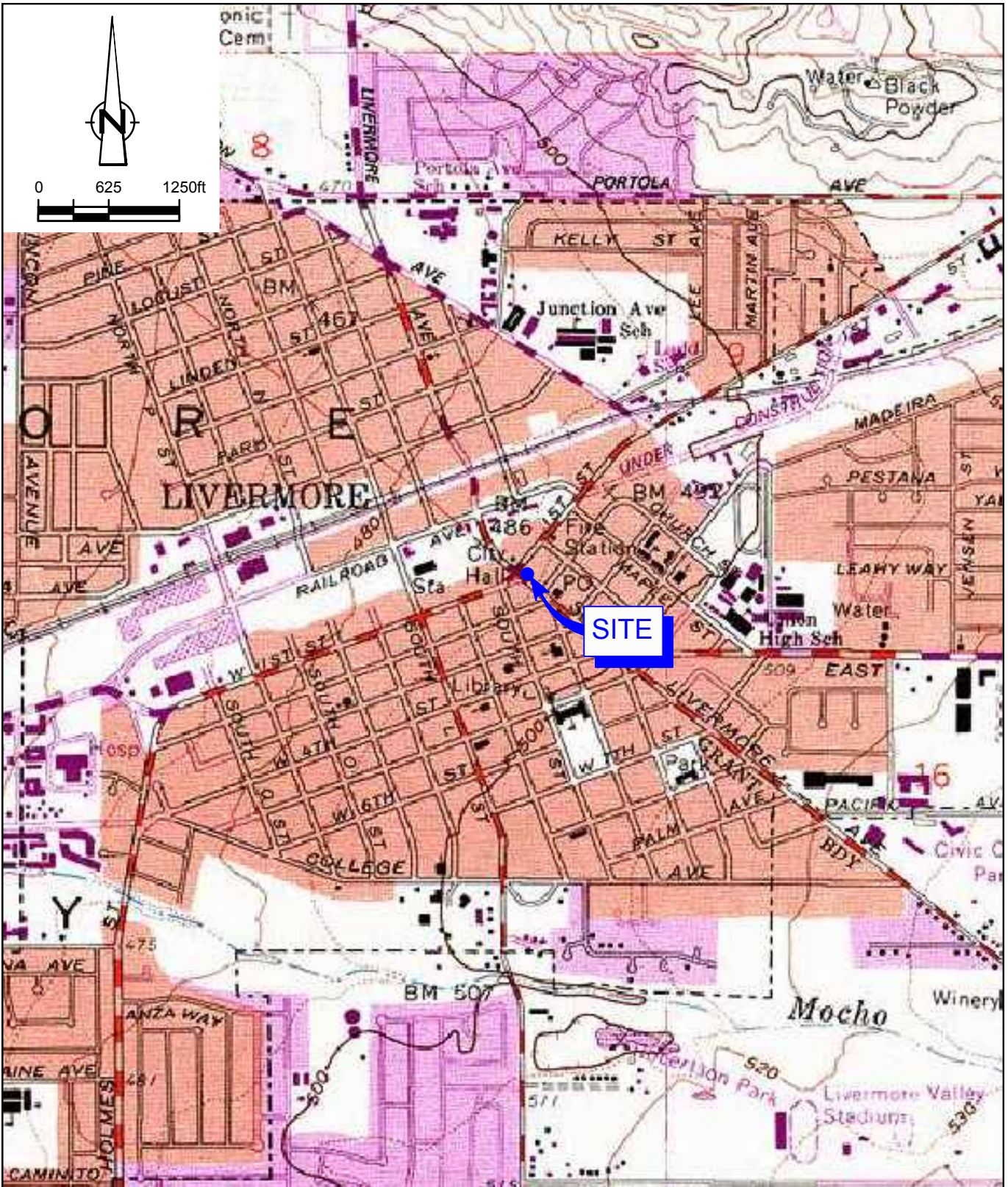
BJS/de/29
Encl.

Figure 1 Vicinity Map
Figure 2 Site Plan with Proposed Shallow Soil Sample Locations

Attachment A Regulatory Correspondence

cc: Carryl MacLeod, Chevron Environmental Management Company (*electronic only*)
 Eric Uranaga, City of Livermore Community Development

FIGURES



SOURCE: TOPO! MAPS.

Figure 1
VICINITY MAP
FORMER TEXACO STATION (CHEVRON SITE 307233)
2259 FIRST STREET
Livermore, California



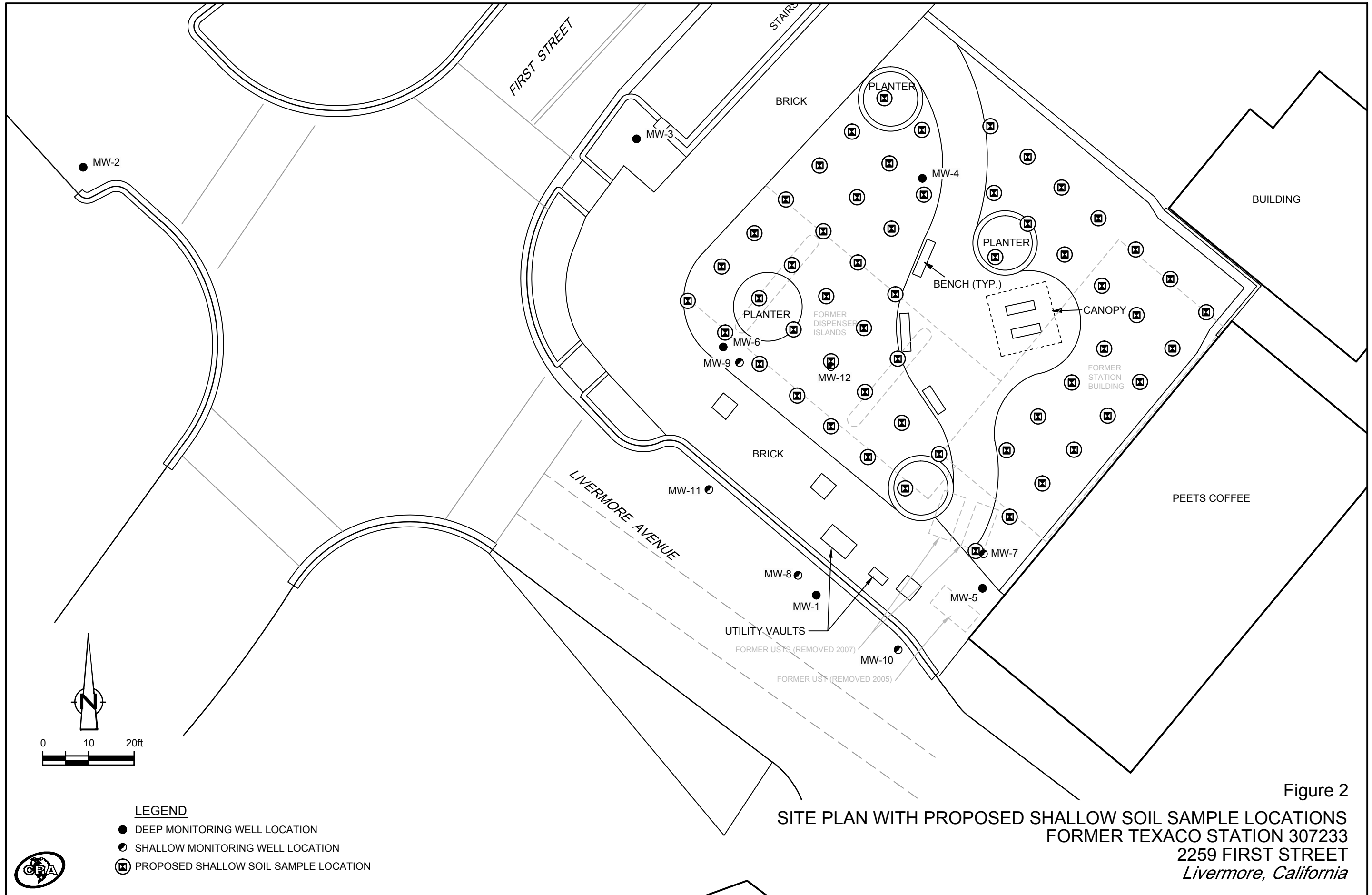


Figure 2

SITE PLAN WITH PROPOSED SHALLOW SOIL SAMPLE LOCATIONS
 FORMER TEXACO STATION 307233
 2259 FIRST STREET
 Livermore, California

ATTACHMENT A
REGULATORY CORRESPONDENCE



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

July 17, 2013

Ms. Carryl MacLeod (Sent via E-mail to: cmacleod@chevron.com)
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583

Mr. Eric Uranga (Sent via E-mail to: ejuranqa@ci.livermore.ca.us)
City of Livermore Economic Development
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Case File Review for Fuel Leak Case No. RO0002908 and GeoTracker Global ID T0600196622, Miller Square Park, 2259 First Street, Livermore, CA 94550

Dear Ms. MacLeod and Mr. Uranga:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the documents entitled, "*Work Plan for Near-Surface Soil Removal and Surface Mitigation*," dated May 20, 2013 (Work Plan), "*Soil and Groundwater Management Plan*," dated May 20, 2013 (Management Plan), and "*Groundwater Monitoring and Sampling Report*," dated April 29, 2013 (Monitoring Report). All three reports were prepared on behalf of Chevron Environmental Management Company by Conestoga Rovers & Associates (CRA).

The Work Plan presents plans to remove shallow soil from a portion of the park. Based on our review of the case file and Work Plan, we request additional data collection prior to implementation of shallow soil removal as discussed in the technical comments below. Please submit a Work Plan to collect the additional data requested in technical comment 1 **no later than September 17, 2013**. ACEH also requests that groundwater monitoring be continued as discussed in technical comment 3.

TECHNICAL COMMENTS

- 1. Shallow Soil Removal.** The Work Plan proposes removal of soil to a depth of one foot below finished grade in areas that can be excavated without removal of existing structures, walkways, or established vegetation. No confirmation sampling is proposed since the Work Plan indicates that the areas of shallow soil lead impact have been defined. However, a review of site data indicates that no soil samples have been collected at depths less than 1.5 feet below ground surface (bgs) and most soil samples were collected at depths greater than 3 feet bgs. Therefore, no soil samples have been collected from the material that is proposed for removal or from the shallow soils outside the area of the proposed removal. Therefore the existing data does not adequately define the extent of lead in shallow soil such that confirmation soil samples would not be required. We request that you submit a Work Plan to conduct shallow soil sampling prior to implementation of soil removal.
- 2. Park Renovations.** The Work Plan indicates that the City of Livermore is in the planning stage for park renovations and that the shallow soil removal would be completed in conjunction with the park renovation. Clean fill is to be placed in the excavated area and re-landscaped per the City's

File to be named: WP_R_YYYY-mm-dd RO2908

- **October 30, 2013** – Quarterly Groundwater Monitoring Report – Third Quarter 2013
File to be named: GWM_R_YYYY-mm-dd RO2908
- **January 30, 2014** – Quarterly Groundwater Monitoring Report and Summary of Sulfate Application – Fourth Quarter 2013
File to be named: GWM_IRR_R_YYYY-mm-dd RO2908

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.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,



Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County Environmental Health, ou, email=jerry.wickham@acgov.org, c=US
Date: 2013.07.17 15:15:37 -07'00'

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

Attachments: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551 (Sent via E-mail to: cwiney@zone7water.com)

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566 (Sent via E-mail to: DStefani@lpfire.org)

John Rigter, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566 (Sent via E-mail to: jrigter@lpfire.org)

Brandon Wilken, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A
Emeryville, CA 94608 (Sent via E-mail to: BWilken@croworld.com)

Tina Hariu, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A, Emeryville, CA 94608 (Sent via E-mail to: thariu@croworld.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

Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	REVISION DATE: July 25, 2012
	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 (petroleum UST 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 .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 <://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 .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.