



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
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January 22, 2015

Mr. Walter Pierce  
Western Forge & Flange Co.  
687 Country Rd 2201  
Cleveland, TX 77327  
(sent via electronic mail to [wpierce@western-forge.com](mailto:wpierce@western-forge.com))

Subject: Request for Additional Groundwater Monitoring Event and Tier 2 Risk Analysis; Site Cleanup Program (SCP) Case No. RO0003009 and Geotracker, Global ID # T10000001598; Western Forge & Flange, 540 Cleveland Ave. Albany, CA 94706

Dear Mr. Pierce:

Alameda County Environmental Health (ACEH) staff has reviewed the case file including the *4<sup>th</sup> Quarter 2014 Groundwater Monitoring Report and Request for Site Closure*, dated December 5, 2014. The report was prepared on your behalf by Ninyo & Moore. Thank you for submitting the report.

ACEH is not yet in agreement with the request for closure; however, is of the general opinion that closure may be achievable in the near future with demonstrated plume concentration stability and a Tier 2 risk analysis. Specifically, groundwater concentrations of Total Petroleum Hydrocarbons as hydraulic oil (TPH<sub>ho</sub>) in wells MW-1 and MW-2 increased during the most recent groundwater monitoring event and are currently at the highest TPH<sub>ho</sub> concentration recorded in both wells; thus groundwater plume concentration stability is not yet demonstrated. Additionally, the dissolved concentration of molybdenum in well MW-2 has consistently been increasing with each groundwater monitoring event, is consistently above identified cleanup goals, and is currently at the highest recorded concentration in the well. Finally, while still below the identified cleanup goals, the concentration of molybdenum in downgradient well MW-3 has increased during the past two quarterly events.

As a consequence, and based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below.

### **TECHNICAL COMMENTS**

- 1. Groundwater Monitoring** – Due to the reasons listed above, ACEH requests that a minimum of one additional quarterly groundwater monitoring and sampling event be conducted at the site in order to determine if groundwater plume concentration stability has been achieved, or alternatively if chemicals of concern at the site continue to migrate downgradient towards the San Francisco Bay. Please submit a groundwater monitoring report by the date identified below. Please submit groundwater samples for TPH as hydraulic oil, metals, and naphthalene by standard analytical protocols.
- 2. Groundwater Cleanup Goals** – As previously discussed, due the margin of the San Francisco Bay being approximately 240 feet west of the site, ACEH is not in agreement that drinking water standards are appropriate, and that aquatic habitat goals and ecotoxicity, must be incorporated into site cleanup goals as is done in ESL Tables A or C (*Groundwater is Current or Potential Source of Drinking Water*), promulgated by the San Francisco Regional Water Quality Control Board (RWQCB). Previous groundwater cleanup goals were derived using the May 2013 ESLs; however, these screening levels were revised in December 2013, and the revised ESLs are now the appropriate levels to use going forward.

However, as also previously discussed, according to the *ESL User's Guide: Derivation and Application of Environmental Screening Levels*, (December 2013), "...the ESLs provide a tiered approach to environmental risk assessments". ACEH suspects that it is unlikely that the low concentrations of metals will impact ecologic receptors in the Bay given the distance and given the likely affects of the railroad tracks, and Interstate 580 directly west of the subject property. However to reflect and evaluate these ecologic goals, ACEH requested the revision of the cleanup goals to "Current or Potential Source of Drinking Water Drinking Water" ESLs that consider ecotoxicity, which is in turn supported by a Tier 2 risk evaluation and contaminant trends at the site, as an addendum to the *Removal Action Completion Report*.

Please be aware that a Tier 2 evaluation has not yet been submitted as requested in the April 14, 2014 directive letter. In order to evaluate the appropriateness of allowing residual contamination to remain, ACEH requests the submittal, as requested below. The Department of Toxic Substances Control (DTSC) *Preliminary Endangerment Assessment Guidance Manual*, dated October 2013, is one available evaluation tool.

### **TECHNICAL REPORT REQUEST**

Please upload technical reports to the ACEH 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:

- **April 10, 2015** – Groundwater Monitoring Report  
File to be named RO3009\_GWM\_R\_YYYY-MM-DD
- **April 10, 2015** – Tier 2 Risk Evaluation (Addendum to Removal Action Report; these reports can be combined); File to be named: RO3009\_MISC\_R\_YYYY-MM-DD

Should you have any questions, please contact me at (510) 567--6876 or send me an electronic mail message at [mark.detterman@acgov.org](mailto:mark.detterman@acgov.org).

Sincerely,

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

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

cc: Kris Larson, Ninyo & Moore, 1956 Webster Street, Suite 400, Oakland, CA 94612;(sent via electronic mail to [klarson@ninyoandmoore.com](mailto:klarson@ninyoandmoore.com))

Dilan Roe (sent via electronic mail to [dilan.roe@acgov.org](mailto:dilan.roe@acgov.org))  
Mark Detterman (sent via electronic mail to [mark.detterman@acgov.org](mailto: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

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/](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.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>REVISION DATE:</b> May 15, 2014
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010, July 25, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> 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](mailto: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](mailto: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.