

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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March 19, 2009

Mr. Sean Svendson
Pacific Shops Inc.
1801 Clement Avenue
Alameda, CA 94501

Subject: Fuel Leak Case No. RO0002951 (Geotracker ID #T0619711981), Pacific Shops Inc, 1815 Clement Avenue, Alameda, CA 64501

Dear Mr. Svendson:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site including the report entitled, "Work Plan for Investigaiton of Former UST #4 Area" dated January 26, 2009 and prepared on your behalf by AMEC Geomatrix (AMEC). The work plan proposes the installation of three soil borings in the vicinity of former UST # 4, which was identified as having elevated levels of dissolved phase contamination at concentrations of up to 28,000 parts per billion (ppb) TPHk, 33,000 ppb TPHd, and 37,000 ppb TPHmo. ACEH generally agrees with the scope of work as proposed in the work plan, provided the technical comments discussed below are addressed prior to the implementation of the work plan.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

- 1. Soil Boring Installation and Location.** To evaluate the extent of dissolved phase contamination AMEC has proposed the installation of three soil borings adjacent to the former UST pit, and AMEC recommends the installation of soil borings to a depth of two feet below first encountered groundwater. ACEH generally concurs with the proposed soil boring locations; however, ACEH requests that soil boring be completed to a depth of atleast 15 feet below ground surface and a minimum of two soil samples analyzed from each boring, one soil sample collected at the capillary fringe and one soil sample collected from the total depth of the soil boring. In addition, soil samples should be analyzed at changes in lithology and from intervals where obvious odor, staining or elevated PID readings are encountered. Since soil sampling completed during the tank removal did not analyze for lead scavengers, BTEX or fuel oxygenates as required, soil samples shall be analyzed for TPHd, BTEX, MTBE, TAME, TBA, DIPE, EDB and EDC. Please present results for the soil boring installation in the report requested below.
- 2. Grab Groundwater Sampling.** AMEC proposes to collect grab-groundwater samples from each of the soil borings using silica gel cleanup and filtering groundwater with a 7 micron glass filter. ACEH concurs with the use of silica gel cleanup for groundwater samples, but we do not concur with the recommendation to filter groundwater prior to the collection of groundwater samples. Since grab groundwater samples collected from the tank pit were not analyzed for lead scavengers, BTEX or fuel oxygenates, groundwater samples shall be analyzed for TPHd, BTEX, MTBE, TAME, TBA, DIPE, EDB and EDC Please present results from the groundwater sampling in the report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **May 22, 2009** – Soil and Groundwater Investigation

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.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

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.

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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

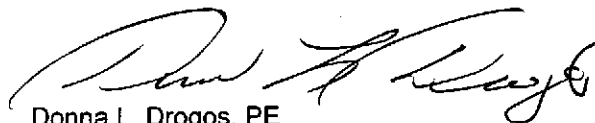
If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767 or send me an electronic mail message at steven.plunkett@acgov.org.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist



Donna L. Drogos, PE
Supervising Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Darren Croteau
AMEC Geomatrix
2101 Webster Street, 12th Floor
Oakland, CA 94612

Donna Drogos, Steven Plunkett, File