

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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May 25, 2007

Mr. Balaji Angle
B&C Gas Mini Mart
2008 1ST Street
Livermore, CA 94550

Mr. John Rutherford
Desert Petroleum
3781 Telegraph Rd
Ventura, CA 93003-3420

Dear Messrs. Angle and Rutherford:

Subject: Fuel Leak Case No. RO0000278, Desert Petroleum, 2008 1ST Street, Livermore, CA

This letter is to follow-up the meeting on May 24, 2007, attended by you, your consultant Golder Associates Inc. (Golder), and representatives of Alameda County Environmental Health (ACEH) at the ACEH offices. The meeting was held to discuss the deficiencies in the rejected submittal entitled "Source Zone Remediation Plan Addendum," dated April 27, 2007, prepared by Golder. Listed below is a summary of the items discussed and work to respond to agency directives for the site and for the remediation plan addendum.

TECHNICAL COMMENTS

- 1) **Remediation Objectives and Cleanup Levels** – ACEH did not concur with the cleanup levels nor the exclusion of source zone remediation on the Desert Petroleum site in the remediation plan proposal. The addendum needs to include your discussion of your plan to expand the system to address source zone cleanup on both the Groth and Desert Petroleum sites (e.g., following pilot test evaluation) and to establish cleanup levels and goals for contaminants at the sites. (Reference: directive letter dated March 26, 2007, Technical Comments A.1. and A.7.).
- 2) **Technical Comments in March 26, 2007, directive letter to be addressed** –
 - a) **Technical Comment A.10.** – Please address this comment in the remediation plan addendum.
 - b) **Technical Comment A.11.a.** – Please include all COCs at the site. COCs include target compounds (petroleum related compounds) for remediation and secondary COCs (e.g., solvents) from unknown sources that are within the treatment area.
 - c) **Technical Comment A.11.b.** – Please provide additional information for this comment. Evaluation of anticipated reaction by-products for all COCs, includes identification of the specific compounds and plans for analysis.
 - d) **Technical Comment A.11.c. and A.11.d.**– Options for design and location of an additional short screened monitoring network (small diameter direct push, CMT, etc.) capable of collecting data to evaluate the effectiveness of the treatment system was discussed during the meeting. Please finalize your proposal for this network. Include

your rationale for the network design and specify the data to be collected to evaluate treatment system effectiveness, differentiate plume displacement verses mass destruction, etc. Include graphics for well location and design.

- e) **Technical Comment A.11.d.** – Please include information supporting your rationale for estimating timeframes to evaluate rebound, displacement, system effectiveness, etc.
 - f) **Technical Comment A.11.e.** – Include graphics that demonstrate how the nested injection wells will be constructed to maintain separation of multiple casings ensuring reliable seals between sampling zones.
 - g) **Technical Comment A.11.f.** – Report results of: conduit study, review of Mill Springs case file, data from recent Groth Bros. investigation. Schedule date to review documents at ACEH offices.
- 3) **SCM** – Complete SCM 2.0. Schedule review/pickup of data analysis and documents related to detached plume.
- 4) **Monitoring Well Purging** – Monitoring wells are currently being purged of limited casing volumes (e.g., one volume in long screen wells) prior to being sampled. Purging is not following the standard protocol for ensuring that formation water is being sampled at the site. Please evaluate the sampling protocol for all monitoring wells at this site. Propose an appropriate sample collection protocol for this site and provide the technical rationale to support your proposal.
- 5) **Schedule** – Golder expressed concern that the pilot test reporting schedule did not allot enough time for treatment system permitting and installation. Please submit your proposal for a detailed schedule for system installation and system evaluation reporting. Also, include your timeframes for completing the specified items above.

TECHNICAL REPORT REQUEST

Please submit technical reports electronically to ACEH (Attention: Ms. Donna L. Drogos), according to the schedule below and as established for the project under the Polanco Act.

- **May 30, 2007** – Proposed Schedule

These reports are being requested pursuant to Section 25296.10 of the California Health and Safety Code. 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

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. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight

Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for 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, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

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 further delays in investigation and reporting, late reports, or enforcement actions will result in ACEH recommending to the State that you be made 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) 567-6721.

Sincerely,



Donna L. Drogos, P.E.
 LOP Program Manager

cc:	Mr. Bill Fowler (w/Enc) Golder Associates 2580 Wyandotte Street, Suite G Mountain View, CA 94043 <u>bfowler@golder.com</u>	Ms. Mary Rose Cassa Regional Water Quality Control Board San Francisco Bay Region 1515 Clay Street, Suite 1400 Oakland, CA 94612 <u>MCassa@waterboards.ca.gov</u>	Ms. Colleen Winey Zone 7 Water Agency 100 North Canyons Parkway Livermore, CA 94551 <u>cwiney@zone7water.com</u>
	Ms. Danielle Stefani Livermore – Pleasanton Fire Department 3560 Nevada Street Pleasanton, CA 94566 <u>dstefani@lpfire.org</u>	Mr. Sunil Ramdass State Water Resources Control Board UST Cleanup Fund P.O. Box 944212 Sacramento, CA 94244-2120 <u>sramdas@waterboards.ca.gov</u>	Ms. Chris Davidson City of Livermore 1052 S Livermore Ave Livermore, CA 94550 <u>cedavidson@ci.livermore.ca.us</u>
	Mr. John Freeman, Jr. California Water Service 195 South N Street Livermore, CA 94550 <u>jfreeman@calwater.com</u>	Michael J. Veiluva Esq Alborg, Veiluva & Epstein LLP 200 Pringle Avenue, Suite 410 Walnut Creek, CA 94596 <u>mveiluva@avelaw.com</u>	Mr. Glenn Young Fugro West, Inc 1000 Broadway, Suite 200 Oakland, CA, 94607 <u>GYoung@Fugro.com</u>
	Mr. Balaji Angle <u>gasman6020@yahoo.com</u>		
	D. Drogos , files		