

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

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DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

July 23, 1993

Ms. Julie Carver
City of Oakland
Environmental Affairs Division
1333 Broadway, Suite 800
Oakland, CA 94612

**Subject: Soil Sampling at Firehouse #24, 6226 Moraga Avenue.,
Oakland, CA 94611**

Dear Ms. Carver:

I have completed review of Subsurface Consultants' Fuel Tank Removal Report, dated July 2, 1993, for the above referenced site. When a 1,000 gallon gasoline tank was removed, sidewall soil samples collected did not detect TPH-G or BTEX. However, the tank removal was complicated with water seepage into the pit from an unknown source, but believed to be from a leaking water pipe. With the limited access, time constraints and the continuous sloughing of pea gravel from the side walls, a representative water sample could not be collected. In addition, strong fuel odor was detected in the pea gravel backfill. For these reasons, site closure cannot be recommended at this time.

Furthermore, backfill materials were replaced into the pit without proper characterization. Hopefully at this time, the leaking water line has been repaired and the pit will be free of water. When the backfill is removed for characterization, two (2) soil samples should be taken within two feet of native soil to confirm that soil has not been impacted by any leaks or overflow from the tank recently removed, or from the tank removed in 1979. And if groundwater is encountered, a water sample shall be taken. All samples collected should be analyzed for TPH-G, BTEX and total lead.

Re-excavation should begin **within 30 days of the date of this letter**. Please notify this office 48 hours prior to the start of field activity. If you have any questions or comments, I can be reached at (510) 271-4530.

eva chu
Hazardous Materials Specialist

cc: Jim Bowers, Subsurface Consultants, Inc., 171 12th Street,
Suite 201, Oakland, CA 94607

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