

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0738

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 3823

September 28, 1992

Edna Carpenter
524 S. Livermore Ave
Livermore, CA 94550

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

**Subject: Additional Investigation at 524 S. Livermore Ave.,
Livermore, CA 94550**

Dear Mrs. Carpenter:

This office has reviewed the case file for the above referenced site. When a heating oil underground storage tank (UST) was removed in January 1991, soil analyses confirmed an unauthorized release of petroleum hydrocarbons (260 parts per million total oil and grease (ppm TOG), and 180 ppm total petroleum hydrocarbons as diesel (TPH-D)) had occurred at the site. The UST pit was excavated an additional 3-4' in depth until soil samples exhibited non detectable levels for TOG.

Before case closure can be recommended/considered, additional investigation is required to determine if the release of petroleum hydrocarbons has impacted groundwater. Lester Feldman and Eddy So of the San Francisco Regional Water Quality Control Board (RWQCB) concur with this office that this determination may be done with the advancement of a soil boring directly beneath the former UST. Soil should be screened with a PID instrument (or equivalent) every 5'. Samples with above detection level readings must be taken to a state certified laboratory to be analyzed for TPH-D, BTEX, and TOG. The soil boring is to be advanced and continuously logged until it reaches groundwater, where a grab sample is to be taken and analyzed for the same constituents as above. A minimum of one soil sample and one groundwater sample is required. Upon review of the laboratory analyses, a determination will be made if further action is required.

In order to proceed with this site investigation, you should obtain the professional services of a reputable environmental consultant. Your responsibility is to have the consultant submit for review a proposal outlining planned activities. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work.

Edna Carperter
524 S. Livermore
September 28, 1992
Page 2 of 2

If you have any questions about the content of this letter,
please contact me at (510) 271-4530.

Sincerely,



Eva Chu
Hazardous Materials Specialist

cc: Eddy So, RWQCB
Edgar Howell/files

crpnter

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0738

January 22, 1991

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Mr. Robert Carpenter
524 South Livermore Ave.
Livermore, CA 94550

**RE: Site investigation and remediation requirements following
underground tank removal, 524 S. Livermore Ave.**

Dear Mr. Carpenter:

On January 15, 1991, Decon Environmental Services removed an underground storage tank that formerly contained heating oil from the above location. Analytical results of a soil sample taken from below the tank indicated hydrocarbon levels above regulatory thresholds. These thresholds establish contaminant levels above which the San Francisco Bay Regional Water Quality Control Board (RWQCB) requires further environmental assessment. Therefore, you must now complete an Unauthorized Release Report and initiate further investigation and cleanup actions.

This office will be the lead agency overseeing environmental investigation activities at the site. The RWQCB is currently unable to manage the large number of fuel leak cases within Alameda County, and has therefore delegated this authority to our office. However, you are responsible for keeping the Water Board apprised of all actions taken to characterize and remediate contamination at this site, because the Board retains the ultimate responsibility for ensuring protection of waters of the state.

As mentioned above, you must conduct a preliminary assessment to determine the extent of soil and groundwater contamination that may have resulted from the tank. The information gathered by this investigation will be used to assess the need for additional actions at the site. The preliminary assessment should be designed to provide all of the information in the format shown in the attachment at the end of this letter, which is based on RWQCB guidelines. You should be prepared to install one monitoring well, if you can verify the direction of groundwater flow in the immediate vicinity of the contaminated pit, and three wells if you cannot.

Until cleanup is complete, you will need to submit reports to this office and to the RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). These reports must include information pertaining to further investigative results; the methods and costs of cleanup actions implemented to date; and the method and location of disposal of any contaminated material.

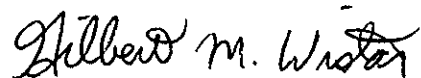
Mr. Robert Carpenter
January 22, 1991
Page 2 of 2

Stockpiled soils should be sampled to determine its level of contamination and appropriate disposal/treatment options. Soils contaminated at hazardous waste concentrations (defined as above 1,000 ppm hydrocarbons) should be transported by a licensed hazardous waste hauler and disposed of or treated at a facility approved by the California Department of Health Services. Soils contaminated below the hazardous waste threshold may be managed as nonhazardous, but are still subject to the RWQCB's waste discharge requirements. Copies of manifests for such disposal must be sent to this office. Stockpiled soil may not be used for backfill without our authorization.

Please submit a work plan to this office by **February 22, 1991**. Copies of the proposal should also be sent to the RWQCB (attention: Lester Feldman). Because we are overseeing this site under the designated authority of the Water Board, this letter constitutes a formal request for technical reports, per Sec. 13267(b) of the California Water Code.

If you have any questions about this letter or about remediation requirements established by the RWQCB, please contact me at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

enclosure

cc: Howard Hatayama, DOHS
Lester Feldman, San Francisco Bay RWQCB
Rafat Shahid, Asst. Agency Director, Environmental Health files