

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0338

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 4, 1993  
STID# 4074

Ms. Henrietta Larson  
c/o Mr. Mark L. Cederborg  
Knox Ricksen  
1999 Harrison Street, Suite 1700  
Oakland, California 94621

**RE: Removal of Four Underground Storage Tanks at General  
Transportation - 3211 Wood Street, Oakland, CA 94608**

Dear Mr. Cederborg:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the files concerning the removal of four underground storage tanks (one-8,000 gallon diesel, one-8,000 gallon gasoline, one-500 gallon waste oil, one-500 gallon solvent) on May 13, 1992 at the referenced site. We are in receipt of the Report of UST Closure Activities (June 1992) prepared by EOA, Inc. and an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report.

Soil samples collected during the tank removal activities exhibited elevated levels of the following petroleum hydrocarbon contaminants - 26,000 ppm TPH diesel, 5,100 ppm TPH gasoline, 1.4 ppm benzene, 4.9 ppm ethyl benzene, 8.7 ppm xylene and 920 ppm TOG. Groundwater sample collected from the excavation showed 12,000 ppb TPH diesel, 190 ppb TPH gasoline and non detectable levels for benzene, toluene, ethyl benzene and xylene. In addition, free floating product was observed in the groundwater and strong soil staining was visible from the excavation walls. Because of the degree of contamination found at the site which exceeded regulatory threshold levels, further environmental assessment is required to determine the extent of the unauthorized release associated with the former tanks at the site.

This office will be the lead agency overseeing the environmental investigation and cleanup activities at the site. The RWQCB has delegated this authority to our office. However, you must keep the Water Board apprised of all actions taken to characterize and remediate contamination at the site, because the Board retains the ultimate responsibility for ensuring protection of the waters of the state.

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A preliminary assessment should be conducted to determine the extent of soil and/or groundwater contamination that has resulted from the former leaking 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 the RWQCB's guidelines. You should be prepared to install at a minimum, three monitoring wells to establish gradient direction of the groundwater at the site. One of the wells should be installed within 10 feet downgradient of the former tank location. Monthly water elevation reading for the first six months (reduced to every quarter) is necessary to determine groundwater flow direction and quarterly sampling for target compounds ( TPH diesel, TPH gasoline, benzene, ethyl benzene, toluene, xylene, total oil and grease, lead, EPA 8270 and EPA 8240) must occur to determine extent of the groundwater contamination.

Until cleanup is complete, you will need to submit reports to this office and to 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 of cleanup actions implemented to date; and the method and disposal of any contaminated material. Copies of manifests for such disposal must be sent to this office. Stockpiled soil from the pit may not be used to backfill these holes without authorization from this office. Only clean fill can be used to backfill the excavation pit. Please provide our office with documentation of the stockpiled soil disposal.

Your work plan must be submitted to this office no later than **June 18, 1993**. All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of the reports and proposals must also be submitted to:

Rich Hiatt  
RWQCB, San Francisco Bay Region  
2101 Webster Street, Fourth Floor  
Oakland, California 94612

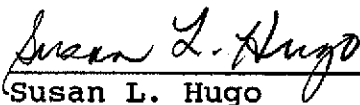
Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267(b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

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Enclosed is a copy of Appendix A (Workplan for Initial Subsurface Investigation - August 20, 1991) for your reference.

Should you have any questions regarding this letter, please contact me at (510) 271-4530.

Sincerely,



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Susan L. Hugo  
Senior Hazardous Materials Specialist

Enclosure

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health  
Gil Jensen, Alameda County District Attorney's Office  
Rich Hiett, San Francisco Bay RWQCB  
Edgar B. Howell, Chief, Hazardous Materials Division / file  
Henrietta Larson, 5601 Leona Street, Oakland CA 94605  
Jim Crowley, EOA, Inc., 1410 Jackson Street, Oakland, CA 94612