

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO1183

RAFAT A. SHAHID, Assistant Agency Director

StID 3771

February 22, 1995

Ms. Constance Graver  
4008 Dyer Rd  
Livermore, CA 94550

ALAMEDA COUNTY CC4580  
DEPT. OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIV.  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

RE: Annual Sampling of Water Well at 1733 Murdell Ln, Livermore

Dear Ms. Graver:

The above referenced site experienced a release of diesel and gasoline fuel from the former underground storage tanks. Since its discovery, contaminated soil has been removed to the extent possible. Residual petroleum hydrocarbons left in soil does not appear to have impacted groundwater quality. However, with seasonal groundwater elevation fluctuations and pumping from the domestic well, it is recommended that the domestic water supply be sampled for gasoline, diesel and BTEX compounds on an annual basis. This office can assist you with sampling and/or provide guidance in this matter should you desire.

Currently, this site is under review for site closure. The anticipated completion date is approximately a month from the date of this letter. Please contact me at (510) 567-6762 if you have any questions or concerns.

Sincerely,

eva chu  
Hazardous Materials Specialist

cc: files

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R01183

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 3771

October 5, 1992

Mark Armstrong  
Earth Metrics, Inc.  
7000 Marina Blvd.  
Brisbane, CA 94005

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: Closure Request for 1733 Murdell St., Livermore**

Dear Mr. Armstrong:

This office has reviewed the Closure Request Report, dated July 8, 1992. The document is missing the following:

1. Reports/proposals must be submitted under the seal of a California -Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.
2. Copies of bills of lading for the disposal of stockpiled soil.
3. Information to verify that MW-1 is downgradient from the former underground storage tank pit. Lawrence Livermore National Laboratory is at least 3.9 miles from the reference site and may not reflect a similar gradient.

Please submit the above information for review **within 21 days of the date of this letter**. Copies should also be sent to Mr. Eddy So of the RWQCB. At that time a determination will be made if further action is required or case closure can be recommended.

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

Sincerely,

Eva Chu  
Hazardous Materials Specialist

cc: Eddy So, RWQCB  
Betty Jacobs, 6807 River Road, Oakdale, CA 95361  
Edgar Howell/files

murdell

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R01183

December 21, 1990

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

Ms. Betty H. Jacobs  
c/o Ms. Constance Graver  
4008 Dyer Rd.  
Livermore, CA 94550

Re: Contamination resulting from underground storage tanks, 1733  
Murdell St., Livermore

Dear Ms. Jacobs:

In a recent phone conversation with Mark Armstrong of Earth Metrics, Inc. regarding the above site, it was clear that the tanks removed in July 1990 caused a lot of subsurface contamination. Mr. Armstrong stated that additional excavation of hydrocarbon-contaminated soil took place several weeks ago, and that excavation was halted at a depth of approximately 30 feet due to safety concerns. At that depth, one soil sample was collected from the bottom of the pit, and it contained about 400 ppm gasoline. (Sidewall samples apparently show that excavation has removed soil affected by the lateral spread of hydrocarbons.) In addition, a "grab sample" of groundwater from 40 feet was obtained, and laboratory results indicate contamination in it.

Based on this information, the Alameda County Department of Environmental Health, Hazardous Materials Division is requiring further characterization and remediation work at this site, as outlined below.

1. Since it appears that soil contamination extends below a depth of 30 feet, you are directed to remediate all contaminated soil remaining in the pit.
2. You must develop a sampling plan that is designed to demonstrate that all contaminated soil has, in fact, been cleaned up.
3. About 1,500 cubic yards of soil have already been excavated from the pit and stockpiled on-site. You must indicate to this office how this and any other contaminated soil will be characterized and treated/disposed of.
4. A minimum of three monitoring wells must be installed at the site, one well being within 10 feet of, and downgradient from, the tank pit. If you can demonstrate a site-specific groundwater gradient, then one well in this location will be adequate for the initial groundwater assessment.

Ms. Betty Jacobs  
December 21, 1990  
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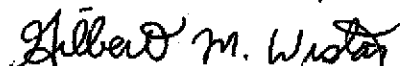
5. We concur with the comments by Richard Davis in his letter to Earth Metrics dated November 30, 1990. The initial work plan submitted is inadequate because it needs more information on field protocols and more detail on how the tasks listed will be carried out. This work plan also lacks diagrams, which must be included in future submittals.

Based on these issues, please submit an amended work plan to this office and to the Regional Water Quality Control Board (RWQCB) in Oakland by **January 21, 1991**. The work plan must incorporate a schedule for implementation of specific tasks, and include a cover letter from the property owner or agent.

Because we are overseeing this site under the designated authority of the RWQCB, this letter constitutes a formal request for technical reports, per Sec. 13267(b) of the California Water Code. Failure to respond in a timely manner could result in civil liabilities under the Water Code of up to \$1,000 per day. Other violations of California law may also be cited.

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

Sincerely,



Gil Wistar  
Hazardous Materials Specialist

cc: Mark Armstrong, Earth Metrics, Inc. (2855 Campus Dr., Suite 300,  
San Mateo, CA 94403)  
Howard Hatayama, DOHS  
Lester Feldman, San Francisco Bay RWQCB  
Gil Jensen, District Attorney, Alameda County Consumer and  
Environmental Protection Division  
Rafat Shahid, Asst. Agency Director, Environmental Health  
files

