

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



5600 SHELLMOUND ST.  
EMERYVILLE, CA 94608

RO# 236

April 14, 1997  
STID # 3825

Ms. Barbara Cook, Chief  
Cal EPA  
Dept. of Toxic Substance Control  
700 Heinz Avenue, Suite 200  
Berkeley, California 94710

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

**Subject: Background Review and Workplan for Subsurface Environmental Investigations  
South Bayfront Project, Emeryville, California**

Dear Ms. Cook:

Per your request, I'm forwarding the following specific comments regarding the "Background Review and Workplan for Subsurface Environmental Investigations" dated March 24, 1997, prepared and submitted by Erler & Kalinowski, Inc. for the South Bayfront project in Emeryville, California.

- 1) Page 27, last paragraph. The Underground Storage Tank Unauthorized Leak / Contamination Site Report was for the removal of **two** (not one) 1,000 - gallon USTs.
- 2) Page 28, second paragraph. Concentrations of total xylenes detected in the samples of soil ranged from **1.74 mg/kg to 1,840 mg/kg** (not 0.87 mg/kg to 920 mg/kg).
- 3) Page 30, third paragraph. Change benzene ( maximum concentration of 9,100 mg/l ) to **9.1 mg/l**.
- 4) Page 32, last paragraph. **Three** groundwater sampling events (10/13/89, 2/2/93 and 6/30/93) have been conducted on wells MW-1, MW-2 and MW-3. Table 3-2 needs to be revised. Groundwater data for the three sampling events is enclosed.

If you have any questions, please call me at (510) 567-6780.

Sincerely,

Susan L. Hugo  
Senior Hazardous Materials Specialist

enclosure

c: Mee Ling Tung, Director, Environmental Health  
Gordon Coleman, Chief, Environmental Protection Division  
Sum Arigala, San Francisco Bay RWQCB  
SH / files

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0236

RAFAT A. SHAHID, DIRECTOR

June 26, 1995  
STID# 3825

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

Mr. Arthur Sepulveda  
A & J Trucking  
5600 Shellmound Street  
Emeryville, California 94608

**RE: Soil and Groundwater Investigation at A & J Trucking  
5600 Shellmound Street, Emeryville, CA 94608**

Dear Mr. Sepulveda:

The Alameda County Department of Environmental Health, Environmental Protection Division has recently reviewed the case file regarding the two 1000 gallon underground storage tanks removed at the referenced.

Based on this review, the following issues must be addressed regarding the soil and groundwater investigation at the subject site:

- 1) It appears that the extent of the soil and groundwater contamination remains undefined. The last sampling event on June 30, 1993 found all the three on-site monitoring wells with elevated levels of petroleum hydrocarbon contamination at the following concentration: 260 to 450 ppb TPH gasoline, nd to 2,700 ppb TPH diesel, 1 to 100 ppb benzene, 0.9 to 15 ppb toluene, 0.8 to 6.9 ppb ethyl benzene, 2.4 to 25 ppb xylene. The groundwater investigation must be expanded to determine the lateral extent of the contamination. Soil borings and grab groundwater samples may be performed initially prior to placement of permanent wells. Please submit a work plan to delineate the extent of the contamination related to the former tanks.
- 2) Monitoring well **sampling frequency must occur every quarter.** To date, only three samplings events have been performed at the subject site. The wells must be sampled for the following target compounds: TPH gasoline, TPH diesel, benzene, toluene, ethyl benzene, and xylene. After four consecutive quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure will be determined.
- 3) Per Mr. K.W. McCuaig's letter dated December 8, 1992, the stockpiled soil generated during the removal of the former tanks and the limited overexcavation conducted on July 11, 1989 was disposed at Chemical Waste Management in Kettleman Hills, California. Please provide our office with copies of the manifests.

Mr. Arthur Sepulveda  
RE: 5600 Shellmound, Emeryville, CA 94608  
June 26, 1995  
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- 4) Please submit a time schedule for all phases of the investigation and remediation activities at the site.

Response to all the items mentioned above must be provided to this office no later than August 7, 1995.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

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.

I have enclosed an information material regarding the Underground Storage Tank Cleanup Fund. You maybe be eligible to apply for reimbursement of clean up cost.

Mr. Arthur Sepulveda  
RE: 5600 Shellmound, Emeryville, CA 94608  
Page 3 of 3  
June 26, 1995

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,

*Susan L. Hugo*

Susan L. Hugo  
Senior Hazardous Materials Specialist

Enclosure

cc: Rafat A. Shahid, Director, Environmental Health  
Kevin Graves, San Francisco Bay RWQCB  
Jun Makishima, Acting Chief, Environmental Protection  
Division / files  
Mr. K.W. McCuaig, 55 Oak Drive, Orinda, CA 94563

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0236

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

October 19, 1993  
STID 3825

A & J Trucking  
ATTN: J. & A. Sepulveda  
P.O. Box 8426  
Emeryville, CA 94608

RE: 5600 Shellmound St., Emeryville, CA 94608

Dear J & A. Sepulveda:

This office received and reviewed a Groundwater Sampling Report dated June 30, 1993 (and received October 7, 1993) by Blaine Tech Services. The following are comments concerning this report:

1. There is no evaluation or recommendations in this report. It is basically just laboratory analysis. Attached find an outline of information that is needed for this case to be closed.
2. There also should be site maps showing location of wells and calculated groundwater gradient. This had to be researched in reports that were 4 years old. Blaine Tech Services says on page 1 of the report all the services they do not perform. And yet, someone needs to do them. There are levels of TPHg of 450 ppb, TPHd of 2,700 ppb, and benzene at 100 ppb. All three wells show contamination. Please submit a recommendation for what you intend to do. At this point, consistent quarterly monitoring may be a viable proposal.

If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

A handwritten signature in black ink that reads "Thomas Peacock".

Thomas Peacock, Supervising HMS  
Hazardous Material Division

cc: Richard Blaine, Blaine Tech Services, Inc., 985 Timothy  
Dr., San Jose, CA 95133  
Edgar Howell, Chief - files

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0236

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

September 24, 1993  
STID 3825

A & J Trucking  
ATTN: J. & A. Sepulveda  
P.O. Box 8426  
Emeryville, CA 94608

RE: 5600 Shellmound St., Emeryville, CA 94608

NOTICE OF VIOLATION

Dear J & A. Sepulveda:

This office received and reviewed the Groundwater Sampling Report dated February 24, 1993 by Blaine Tech Services. Since then we have not received any further correspondence. Quarterly Monitoring reports are required to be submitted for the monitoring of your 3 wells. You are now 2 quarters behind. Your last sample had TPHg as high as 300 ppb and benzene as high as 15 ppb. These are elevated levels of contaminants that must be monitored. Please respond within 30 days with your next quarterly report.

Please contact this office at least 2 days prior to sampling the wells.

If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

Thomas Peacock, Supervising HMS  
Hazardous Material Division

cc: Blaine Tech Services, Inc., 985 Timothy Dr., San Jose, CA  
95133  
Edgar Howell, Chief - files

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0236

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

December 25, 1992  
STID 3825

A & J Trucking  
ATTN: J. & A. Sepulveda  
P.O. Box 8426  
Emeryville, CA 94608

RE: 5600 Shellmound St., Emeryville, CA 94608

Dear J & A. Sepulveda:

This office has received and reviewed the your letter dated December 8, 1992. Your proposal is accepted with the following comment:

The schedule is acceptable. Please contact this office at least 2 days prior to sampling the wells.

If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

Thomas Peacock, Supervising HMS  
Hazardous Material Division

cc: Richard Hiatt, RWQCB  
Edgar Howell, Chief - files

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0236

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

November 17, 1992  
STID 3825

A & J Trucking  
ATTN: J. & A. Sepulveda  
P.O. Box 8426  
Emeryville, CA 94608

RE: 5600 Shellmound St., Emeryville, CA 94608

Dear J & A. Sepulveda:

This office has received and reviewed the Draft Soil & Ground-Water Investigation Report by Harding Lawson Associates (HLA) dated October 13, 1989, and a followup report dated January 12, 1990 concerning the above site. The following comments are to be considered:

1. There conclusions in the above report said the stockpiled soil would be classified as hazardous waste for disposal. Please submit documentation for the disposition of the soil stockpile to this office within 30 days.
2. HLA recommended further investigation be done, to better define on-site contamination and to look for possible off-site sources that may be contributing. This office has no record of any further investigation to date.
3. The Regional Water Quality Control Board would require at least 4 quarters of groundwater monitoring at ND. No monitoring has apparently been done for the 3 installed wells on your site since about October 1989. You must implement a groundwater monitoring program within 30 days.

Enclosed is a format the Regional Board would like followed for site closure. If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

Thomas Peacock, Supervising HMS  
Hazardous Material Division

cc: Richard Hiatt, RWQCB  
Edgar Howell, Chief - files  
Enclosure



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Director



R0236

23 January 1990

Telephone Number: (415)

Arthur Sepulveda  
P.O. Box 8426  
Emeryville, CA 94662

Subject: Underground Storage Tank Removal Project at 5600  
Shellmound Street, Emeryville.

Dear Mr. Sepulveda:

This office has received and reviewed an analytical data report prepared by Harding Lawson Associates concerning the site listed above. This report, dated 11 January 1990, indicates that the soil excavation conducted on this property has been sufficiently thorough. No further soil excavation is required and the former tank pit can be refilled with clean backfill material. Stockpiled soil which had been excavated from the former underground storage tank pit may be disposed of in an appropriate landfill. Please ensure that a copies of any manifests derived from the disposal of this materials are submitted to this office for inclusion into our files.

Data derived form monitoring wells on this site indicate that a ground water problem exists. Specifically, Total Petroleum Hydrocarbon levels of up to 18 parts per million, Benzene levels of up to 9.1 parts per million and Toluene levels of up to 2.4 parts per million were identified in a Harding Lawson report dated 13 April 1989. It will be required that the lateral extent of this contaminant plume be defined. This goal can be accomplished by sinking borings in a down gradient direction from the former tank location until the edge of the contaminant plume is detected. Once this information is acquired the data will be discussed with the Regional Board to determine if active remediation of the ground water will be required.

If you have any questions concerning this matter, please contact me at (415) 271-4320.

Sincerely,

  
Dennis J. Byrne  
Hazardous Materials Specialist

cc: Lester Feldman, SFBRWQCB  
Doug Krause, DOHS  
Glen Young, Harding Lawson Associates