

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0#1071

RAFAT A. SHAHID, Assistant Agency Director

October 22, 1996  
STID 4620

Douglas Kelly  
845 Juana Ave.  
San Leandro CA 94577

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

RE: Kelly's Truck Repair, 1390-7th St., Oakland CA 94607

Dear Mr. Kelly,

This office is in the process of closing this case. The RWQCB has already signed off on the Case Closure Summary. Although there are residual amounts of groundwater contamination (56 ppb benzene, ND toluene, 1,200 ppb ethylbenzene, 980 ppb xylenes, 14,000 ppb TPHg, ND TPHd, and 3,600 ppb TPHk), there is no significant threat to human health or the environment; the monitoring wells will be destroyed. This letter is being sent to inform Zone 7 of the status of this case.

**Please contact me by telephone at least 2 business days in advance of the well destruction so that I may be present onsite, if my schedule allows. Please have your consultant submit a brief letter report documenting the well destruction, including a copy of the Zone 7 permit. When that letter report is received, a Remedial Action Completion Certificate (aka final closure letter), signed by the Director of this Department, will be sent to you. If you have any questions, please contact me at 510-567-6761.**

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Attn: Mark Detterman, Blymyer, 1829 Clement Ave., Alameda CA 94501-1396  
Attn: Wyman Hong, Alameda County Flood Control District, Zone 7, Water Agency  
5997 Parkside Dr., Pleasanton CA 94588  
Jennifer Eberle/file

je.4620.zone7

(sent by fax 655-9797 to Kelly Green 10/22)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#1071

Alameda County  
Environmental Protection Division  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

CC4580

June 14, 1996  
STID 4620  
page 1 of 2

Douglas Kelly  
845 Juana Ave.  
San Leandro CA 94577

RE: Kelly's Truck Repair, 1390-7th St., Oakland CA 94607

Dear Mr. Kelly,

Since my last letter to you, dated 11/30/95, the following documents have been received in this office:

- 1) "First Quarter 1996 Groundwater Monitoring" report, prepared by Blymyer Engineers, dated 3/13/96; and
- 2) "Second Quarter 1996 Groundwater Monitoring" report, prepared by Blymyer Engineers, dated 5/29/96.

The concentrations of benzene have shown an overall decreasing trend, from 140 ppb to 50 ppb this quarter. These concentrations were compared to the Tier 1 look up table in the American Society of Testing and Materials' (ASTM) "Risk Based Corrective Action Applied at Petroleum Release Sites," document E1739-95. The maximum detected benzene concentration in groundwater (140 ppb) is less than the RBSL for the "groundwater to outdoor air" pathway, commercial scenario, 10-6 target level (5,340 ppb). However, the Tier 1 assessment is based on a depth to water (DTW) of 300 centimeters or 10 feet below ground surface (bgs). The DTW at this site has been 5.08'bgs, 4.15'bgs, and 4.49'bgs. If we use 5' as the DTW, this means the default value of 10'bgs varies by a factor of 2 from the DTW of 5'bgs. The RBSL is directly proportional to the DTW, + 1, based on the equations shown in Table X2.2 (page 23, 4th equation) and Table X2.5 (page 26, 2nd equation), for the 'groundwater to ambient air' pathway. That means that if the DTW is 5'bgs, we can reduce the RBSL of 5,340 ppb by a factor of 2, with the result of approximately 2,670 ppb. Then we compare our maximum benzene concentration in groundwater (140 ppb), and we see that it is one order of magnitude lower than the adjusted RBSL (2,670 ppb).

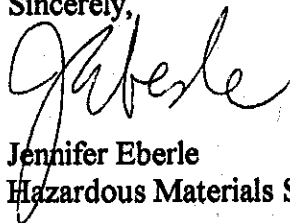
Similarly, if we assume a DTW of 4.0'bgs, we can adjust the RBSL of 5,340 by multiplying by a factor of 0.4, with the result of approximately 2,136 ppb benzene.

**Based on this analysis, it is plausible to close this case, on the assumption that the next groundwater sampling event will yield similar results.**

June 14, 1996  
STID 4620  
page 2 of 2  
Douglas Kelly

Please contact me directly at 510-567-6761 if you have any questions.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Debra Underwood, Blymyer Engineers, 1829 Clement Ave., Alameda CA 94501-1396  
Acting Chief/file

je.4620-C

**ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY**

DAVID J. KEARS, Agency Director



R01071

RAFAT A. SHAHID, DIRECTOR

November 30, 1995  
STID 4620

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

Douglas Kelly  
845 Juana Ave.  
San Leandro CA 94577

RE: Kelly's Truck Repair, 1390-7th St., Oakland CA 94607

Dear Mr. Kelly,

I have received the "Limited Subsurface Investigation Letter Report," dated 7/31/95, prepared by Blymyer Engineers. As you know, this report documents the installation of one monitoring well, MW1, located off the sidewalk, on the edge of 7th St. The concentrations of soil and groundwater contaminants found during this investigation are below those found in Tier 1 of ASTM's Emergency Standard Guide for Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites. In addition, the RWQCB is presently redefining the use of the shallow groundwater aquifer in this part of Oakland.

This case may be a candidate for closure. However, three additional quarters of groundwater monitoring are needed before we can evaluate the case for closure. You are requested to analyze groundwater for TPH-kerosene, TPH-gasoline, and BTEX.

Please contact me directly at 510-567-6761 if you have any questions.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: <sup>14</sup> Debra Underwood, Blymyer Engineers, 1829 Clement Ave., Alameda CA 94501-1396  
Acting Chief/file

je.4620-B

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RO1071

RAFAT A. SHAHID, DIRECTOR

May 26, 1995  
STID 4620

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

Douglas Kelly  
845 Juana Ave.  
San Leandro CA 94577

RE: Kelly's Truck Repair, 1390-7th St., Oakland CA 94607

Dear Mr. Kelly,

I am in receipt of the "Monitoring Well Installation Workplan," prepared by Blymer Engineers Inc., dated 4/21/95. As you know, this workplan involves the installation of one groundwater monitoring well, approximately 10 feet South of the former underground storage tank (UST) at this site.

**The workplan is acceptable for implementation, with the understanding that soil samples will be analyzed for the same constituents as water samples: TPH as diesel, TPH as kerosene, and BTEX. Please notify me at least 2 business days ahead of well installation.**

In addition, please forward a copy of the "Site Investigation for Kellys Truck Repair," report prepared by Tetra Tech, dated February 1993. This report is not yet in our file.

Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-567-6700, ext 6761. You are encouraged to submit reports on double-sided paper in order to save precious trees.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. Eberle".

Jennifer Eberle  
Hazardous Materials Specialist

cc: Deborah Underwood, Blymer Engineers, 1829 Clement Ave.,  
Alameda CA 94501-1395  
Mee Ling Tung/file

je.4620-a

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R01071

July 13, 1994  
STID 4620

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

Douglas Kelly  
845 Juana Ave.  
San Leandro CA 94577

RE: Kelly's Truck Repair, 1390-7th St., Oakland CA 94607  
**PLEASE NOTE THAT OUR NEW ADDRESS IS 1131 HARBOR BAY PARKWAY, 2nd FLOOR, ALAMEDA CA 94502.**

Dear Mr. Kelly,

As you know, a 500-gallon underground storage tank (UST) was removed from this site on 1/27/94. The UST had several holes, as well as rust and pitting. You have indicated to me that you never used the tank, nor had the previous owners, as per your communications with them indicate. You also indicated to me that you believe the UST has not been used since the 1950s. It has been purported that this UST was used to fuel the Key System of railroads in the early 1900s.

We are in receipt of various laboratory reports, manifests, and the Unauthorized Leak Report (ULR) for the work performed in removing this tank and its associated soils. The analyses run for the various sampling events were for Total Petroleum Hydrocarbons as diesel (TPH-d), and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX). The laboratory also reported TPH as kerosene (TPH-k), due to overlapping of hydrocarbon ranges.

I have discussed this case with Kevin Graves of the Regional Water Quality Control Board (RWQCB) in Oakland. We discussed the occurrence of significant concentrations of BTEX, along with the TPH-k. This indicates that the contamination may not be that of kerosene or diesel. The first water sample taken from the pit water was the day after tank removal (1/28/94), and after approximately 300 gal of pit water was purged. The concentrations were: 30,000 parts per billion (ppb) TPH-k, 3,400 ppb benzene, 7,300 ppb toluene, 2,000 ppb ethylbenzene, and 12,000 ppb xylenes.

**For this reason, this case cannot yet be closed, but rather requires further investigation.** You have a few options: to hire a qualified consultant to explain or dispute the BTEX data, or to gather more data (groundwater investigation). A qualified consultant would include a California-Registered Geologist, - Certified Engineering Geologist, or -Registered Civil Engineer. In addition, all work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) Article 11 of Title 23, California Code of Regulations.

July 13, 1994  
STID 4620  
Douglas Kelly  
page 2 of 2

**In either case, you are requested to respond to this letter within 30 days, or by August 13, 1994.**

If you have any questions, please contact me at 510-271-4320, 4310, or 337-2866, 2865, or 2864. Please note that we recently moved to new offices, and that these phone numbers are only temporary.

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Ed Howell/file

4620