

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R02709

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

StID 3314

September 26, 1995

Ms. Hillary Rolls
PMG for Tokai Bank
4325 Auburn Blvd, Suite 300
Sacramento, CA 95841

Re: Remedial Action Completion at 6709 S. Front Rd, Livermore

Dear Ms. Rolls:

This letter confirms the completion of site investigation and remedial action for the soil contaminated by the diesel fuel release from the former above-ground storage tanks which were removed in 1991. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, the site does not appear to pose a threat to public health. Hence, no further action related to the above-ground tank release is required.

Please contact me at (510) 567-6762 if you have any questions regarding this matter.

Very truly yours,

eva chu
Hazardous Materials Specialist

cc: Jun Makishima, Interim Director
Chief, Division of Environmental Protection
Sumadhu Arigala, RWQCB
files (pestana.3)

CASE CLOSURE SUMMARY
Leaking Aboveground Fuel Storage Tank (SLIC)

I. AGENCY INFORMATION

Date: August 16, 1995

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700
Responsible staff person: Eva Chu Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Pestana Construction
Site facility address: 6709 S. Front Rd, Livermore 94550
RB LUSTIS Case No: N/A Local Case No.: 3314
URF filing date: SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Tokai Bank c/o PMG Attn. Hillary Rolls	4325 Auburn Blvd, Suite 300 Sacramento, CA 95841	(916) 486-9802

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
3	ASTs (?)	Diesel	Removed	1991 (?)

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Possible leaking AST and/or overfilling
Site characterization complete? YES
Date approved by oversight agency: 7/21/95
Monitoring Wells installed? No Number:
Proper screened interval? NA
Highest GW depth below ground surface: Lowest depth:
Flow direction: Possibly west, northwest, data from 6175 S. Front Rd.
Most sensitive current use: Commercial
Are drinking water wells affected? No Aquifer name: Spring Subbasin
Is surface water affected? No Nearest affected SW name: NA
Off-site beneficial use impacts (addresses/locations): None

Report(s) on file? YES Where is report(s) filed? Alameda County
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank Piping Free Product	3 ASTs (?)	Unknown	1991 (?)
Soil Groundwater Barrels	500 cy	Vasco Rd L.F. in Livermore	6/9/95

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before¹</u>	<u>After²</u>	<u>Before³</u>	<u>After</u>
TPH (Gas)				
TPH (Diesel)		480	5,000	
Benzene		ND	ND	
Toluene		ND	ND	
Ethylbenzene		ND	ND	
Xylenes		ND	ND	
Oil & Grease				
Heavy metals				
Other	PNAs		ND	

- NOTE:
- 1 Unknown, no reports documenting analytical results
 - 2 From recent borings advanced through and around suspect area
 - 3 Grab groundwater sample from temporary wells

Comments (Depth of Remediation, etc.):

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **YES**
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **YES**
 Does corrective action protect public health for current land use? **YES**
 Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **NA**
 Number Decommissioned: Number Retained:
 List enforcement actions taken: **NOV issued 3/21/91**
 List enforcement actions rescinded:

ENVIRONMENTAL PROTECTION
95 SEP 26 PM 2:32

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 8/17/95

Reviewed by

Name: Madhulla Logan Title: Haz Mat Specialist

Signature: *Madhulla Logan* Date: 8/18/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/18/95 RB Response:

RWQCB Staff Name: Sumadhu Arigala Title: AWRCE

Signature: *Sumadhu Arigala* Date: 9/25/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

It is reported that several (3) above ground diesel storage tanks at this site had leaked or were overfilled, thus impacting soil beneath the tanks. In 1992 approximately 500 cy of diesel impacted soil were excavated and moved to an adjacent property for bioremediation. The stockpiled soil has been profiled and disposed at Vasco Rd L.F. in Livermore.

The subject property, then owned by Mr. Ed Pestana, has been foreclosed and is currently owned by Tokai Bank. Approximately 60 (?) soil samples were collected from the pit for analysis by Priority Environmental Laboratory. However, results of the soil samples were never released since the lab was not paid for the analytical work.

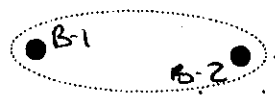
On June 7, 1995 two soil borings were advanced through the former excavation pit. Soil samples from one of these borings (B-2) detected up to 480 ppm TPH-D, but no BTEX, at 10' depth. Three other temporary wells, TW-1, 2, and 3, were advanced just outside the former pit. Only well TW-1, located south of the pit, detected soil and groundwater contamination. Up to 440 ppm TPH-D, and 5,000 ppb TPH-D were detected in soil and groundwater, respectively. Additionally, groundwater from TW-1 was tested for PNAs. None was detected. BTEX were not detected in the temporary wells TW-1 and TW-3. Well TW-2 was advanced to 19' and did not encounter groundwater. A grab groundwater samples was also collected from an abandoned 60' deep water well, located approximately 100' northwest of the former excavation. TPH-D and BTEX were not detected.

First encountered groundwater in the temporary wells was at approximately 13 to 15' bgs and stabilized at 10' bgs. It appears groundwater may be under semi-confined conditions, or is a low yielding aquifer. Diesel impacted soil appears to be limited in extent, to approximately 10' from the former excavation, and within 5 to 10' depth. Its impact to groundwater quality is minimal as indicated by the absence of BTEX and PNAs. Residual TPH-D should naturally bioattenuate. Permanent monitoring wells are not warranted. Closure is recommended for the area contaminated by the former above-ground storage tanks.

pestana.1



Tw-1



APPROXIMATE LOCATION OF DIESEL IMPACTED SOIL EXCAVATION

Tw-2

Tw-3

OPEN STORAGE AREA

EXCAVATED CONTAMINATED SOIL (MOVED) ON POLYETHYLENE SHEETS AND PIPING STORAGE

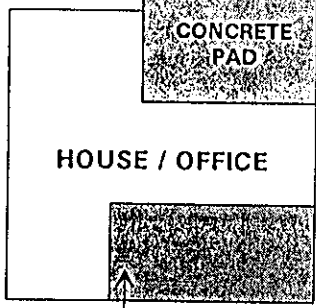
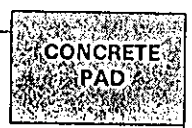
FENCE



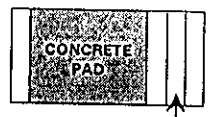
OLD WINDMILL/PUMP HOUSE



WELL HEAD



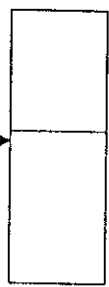
PROBABLE LOCATION OF SEPTIC TANK



TRAILER STORAGE SHEDS AND MECHANICS WORK SHOP

PG&E SUBSTATION

TRAILER PARTS AND SALE SHED



FENCE

OPEN AREA

FENCE

GATE

FENCE

LEGEND

- PROPOSED SOIL BORING (10' DEEP)
- ⊙ PROPOSED TEMPORARY WELL (15' DEEP)

Figure 1

AGRA Earth & Environmental, Inc.
 ENGINEERING & ENVIRONMENTAL SERVICES
 9960 Business Park Drive, Suite 170
 Sacramento, California 95827-1729
 Phone: (916)364-0183 Fax: (916)364-1863

PROJECT: 51-01049-01
 DESIGN: JLL
 DRAWN: KAB
 DATE: 5/16/95
 SCALE: NOT TO SCALE

Site Plan
 6709 Southfront Road
 Livermore, California

THESE DRAWINGS ARE THE PROPERTY OF AEE AND ARE NOT TO BE REPRODUCED IN ANY MANNER EXCEPT WITH THE WRITTEN CONSENT OF AEE.

Table 1: Soil Analytical Results
 6709 Southfront Road, Livermore, CA
 (parts per million)

Sample Number	Depth	TPH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes
B1-01	5	68	<0.005	<0.005	<0.005	<0.005
B1-02	10	<1.0	<0.005	<0.005	<0.005	<0.005
B2-01	5	33	<0.005	<0.005	<0.005	<0.005
B2-02	10	480	<0.005	<0.005	<0.005	<0.005
TW1-01	5	<1.0	<0.005	<0.005	<0.005	<0.005
TW1-02	10	440	<0.005	<0.005	<0.005	<0.005
TW1-03	15	<1.0	<0.005	<0.005	<0.005	<0.005
TW2-01	5	<1.0	<0.005	<0.005	<0.005	<0.005
TW2-02	10	<1.0	<0.005	<0.005	<0.005	<0.005
TW2-03	15	<1.0	<0.005	<0.005	<0.005	<0.005
TW3-01	5	<1.0	<0.005	<0.005	<0.005	<0.005
TW3-02	10	<1.0	<0.005	<0.005	<0.005	<0.005
TW3-03	15	<1.0	<0.005	<0.005	<0.005	<0.005

Table 2: Groundwater Analytical Results
6709 Southfront Road, Livermore, CA
(parts per billion)

Sample Number	TPH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes
TW1-04	5000	<0.3	<0.3	<0.3	<0.3
TW2-04	<50	<0.3	<0.3	<0.3	<0.3
W1-01	<50	<0.3	<0.3	<0.3	<0.3

Elevation Reference: N/A Well Completed: N/A Boring Method: DH55 Cuttingless
 Groundwater Surface Elevation: N/A Relative Casing Elevation: N/A Borehole Diameter: 2.0"

Depth (feet)	SOIL DESCRIPTION	Graphic Log	Ground Water	Soil Sample	Sample Analysis	Water Sample	Volatile Readings	AS-BUILT DESIGN
0	Thin surface layer of gravel.						ppmv	
5	CLAY, silty: (CL); dry; light brown; slow dilatancy.			01	8015d 8020		0	
10	SILT, clayey: (ML); dry; light brown; slow dilatancy.			02	8015d 8020	04	0	
15	SAND, slightly silty: (SM); fine to medium grain sand, subrounded to subangular; moist; brown.			03	8015d 8020		0	
15	Boring terminated at 15 feet.							
20								
25								
30								

LEGEND

- Lab Sample Interval & Number with % Recovery
- Soil Analysis (Test Method Shown)
- Groundwater Analysis (Sample No. Shown)
- SW Well - Graded Sand
- SP Poorly - Graded Sand
- SM Silty Sands
- SC Clayey Sands
- ML Inorganic Silts
- CL Inorganic Clays
- Fill Backfill
- Bentonite/Cement Grout
- Contact Not Defined

AEE PROJECT NUMBER: 51-01049-01
 Former Pestana Construction Site
 6709 Southfront Road
 Livermore, California

AGRA EARTH AND ENVIRONMENTAL INCORPORATED

9960 Business Park Drive, Suite 170
 Sacramento, California 95827
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