

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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

February 15, 1994
STID 4165

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Jeff Bolinger
2121 S. El Camino Real
San Mateo, CA 94403-1897

**SUBJECT: Case Closure
Bay View Federal Bank
1437- 48th Ave., Oakland, CA 94610**

Dear Mr. Bollinger,

This letter confirms the completion of site investigation and remedial action for the 750 gallon fuel oil tank removed from the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, this office has determined that no further action is required at this time.

Based on the information submitted and current requirements, the RWQCB has also accepted the determination of this agency that no further action is required at this time. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions regarding this letter, please give Barney Chan a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

cc: ~~Edgar B. Howell~~, Chief, Hazardous Materials Division/files
Rich Hiett, RWQCB
Mike Harper, SWRCB
R. Chew, Robert Y. Chew Geotechnical, Inc., 26203
Production Ave., Suite 7, Hayward CA 94545

ALCO
HAZMAT

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

FEB-8 PM 4:19

I. AGENCY INFORMATION

Date: 12/8/93

Agency name: Alameda County-HazMat Address: 80 Swan Wy., Rm 200
City/State/Zip: Oakland Phone: (510) 271-4320
Responsible staff person: Barney Chan Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Bay View Federal Bank
Site facility address: 1437 48th Ave., Oakland CA 94601
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 4165
URF filing date: SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:
Mr. Jeff Bolinger 2121 S. El Camino Real (415) 573-7300
San Mateo, CA 94403-1897

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	750	fuel oil	removed	4/28/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown cause

Site characterization complete? YES

Date approved by oversight agency:

Monitoring Wells installed? YES Number: 1, plus 1 observation well

Proper screened interval? YES, based on field observation and surface seal requirement.

Highest GW depth below ground surface: 2.22' Lowest depth: 3.65'

Flow direction: assumed southwesterly like the regional direction

Most sensitive current use: unknown

Are drinking water wells affected? unknown Aquifer name: Merritt Sand

Is surface water affected? NO Nearest affected SW name: N/A

Off-site beneficial use impacts (addresses/locations): None

Leaking Underground Fuel Storage Program

Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
80 Swan Wy., Rm 200
Oakland CA 94621

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>of Disposal w/destination)</u>	<u>Date</u>
Tank	1-750 gallon	Disposed to Erickson	6/2/92
Piping			
Free Product	N/A		
Soil			
Groundwater	1210 gallon	Recycled by Evergreen	4/28 & 5/28/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppm)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	ND			
TPH (Diesel)	ND		1.3	ND
Benzene	ND		ND	ND
Toluene	ND		ND	ND
Xylene	ND		ND	ND
Ethylbenzene	ND		ND	ND

Comments (Depth of Remediation, etc.): see attached summary

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? **NO**

Monitoring wells Decommisioned: **NO**, should be after closure letter received

Number Decommisioned: **0** Number Retained: **1 and 1 extraction well**

List enforcement actions taken:

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney Chan

Signature: *Barney Chan*

Reviewed by

Name: Jennifer Eberle

Signature: *J Eberle*

Name: Susan Hugo

Signature: *Susan L. Hugo*

VI. RWQCB NOTIFICATION

Date Submitted to RB: 1-26-94

RWQCB Staff Name: Rich Hiatt

Title: San. Engineering Assoc. Date: 2/4/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

Title: Haz Mat Specialist

Date: 1-25-94

Title: Haz Mat Specialist

Date: 1-14-94

Title: Sr Haz Mat Specialist

Date: 1/13/94

RB Response: *Cancel* 

Benzene, Toluene, Xylene and Ethylbenzene (TPH-G/BTXE) by RWQCB Method GCFID 5030/802M; and (2) Total Petroleum Hydrocarbons as Diesel (TPH-D) by RWQCB Method GCFID 3510. The tests were performed on a standard (15-working days) turn-around.

The analytical testing of the groundwater samples obtained from Observation Well OW-1 and from Monitoring Well MW-1 did not detect Total Petroleum Hydrocarbons as Diesel (TPH-D), Total Petroleum Hydrocarbons as Gasoline (TPH-G), and Benzene, Toluene, Xylene and Ethylbenzene (BTXE) were not detected.

A summary of the analytical test results from the previous sampling and the current sampling is presented in Table 1.

TABLE 1 SUMMARY OF ANALYTICAL TEST RESULTS						
Date Sampled	TPH-D (ppb)	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Xylene (ppb)	Ethylbenzene (ppb)
Observation Well OW-1 (Installed by KTW & Associates in 9/92)						
10/15/92	84	ND	ND	ND	ND	ND
02/24/93	ND	ND	ND	ND	ND	ND
05/13/93	88	ND	ND	ND	ND	ND
08/09/93	ND	ND	0.95	ND	ND	ND
11/08/93	ND	ND	ND	ND	ND	ND
Monitoring Well MW-1 (Installed by RYCGI in 10/92)						
10/16-21/92	440	ND	ND	ND	ND	ND
02/24/93	ND	ND	ND	ND	ND	ND
05/13/93	ND	ND	ND	ND	ND	ND
08/09/93	ND	ND	0.65	ND	ND	ND
11/08/93	ND	ND	ND	ND	ND	ND
ND - Not detected at or above the practical quantitation limit for the method.						

The analytical test data along with the Chain-of-Custody Records are presented as Enclosure to this report.

12/8/93 Site Summary for 1437-48th Ave., Oakland CA 94601
Bayview Federal Bank

This 750 gallon heating fuel tank was located on the sidewalk running east-west. It fueled the furnace which heated this multi-unit apartment building. The building and the street are on the immediate south and north sides of the tank, respectively. A preliminary site assessment was performed at this site prior to tank removal. Three borings were advanced on the east and west sides of the 750 gallon fuel oil tank. Soil samples were taken in the capillary fringe (5-6' in depth). Results of these samples detected low levels of TPHd (3-10ppm) and N.D. for BTEX. A grab groundwater sample was taken which detected 8 mg/l TPHd and ND BTE and 0.05 mg/l xylene.

4/28/92 The 750 gallon heating fuel tank was removed. Holes were noticed on the top and bottom of the tank. After 350 gallons of water were removed from the tank, an additional 860 gallons of water was pumped from the tank pit. Two sidewall samples from the north and south ends of the tank were taken. These samples were ND for TPHg, TPHd and BTEX. A grab groundwater sample was taken from each end of the tank, why two? I don't know. One water sample was ND of TPHd and BTEX, while the other detected 1.3 mg/l TPHd and ND BTEX.

9/22/92 The piping run, approximately 50' in length, was removed and three soil samples beneath the run were taken. The piping samples detected 14, 64 and 66 ppm TPHd and ND BTEX. No overexcavation was performed or requested. At the same time, a 6" observation well was installed in the center of the tank pit, for extraction purposes if necessary.

10/5/92 A two inch monitoring well was installed within 10 feet of the former tank, in the assumed downgradient direction (southwesterly). Although gradient has not been established adjacent to this site, the general gradient within this area is southwesterly, as is the topography. Both observation and monitoring wells were developed and sampled on 10/15/92. The observation well is not an appropriately installed well and represents only relative groundwater concentration. See the attached analytical results for the observation well and monitoring well samples. After the initial sampling event, four consecutive quarters of ND for TPHd and BTEX have been found in the monitoring well with the exception of one event which detected 0.65ppb benzene.

Because of these low concentrations, this case should be considered for closure.