



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

**REMEDIAL ACTION COMPLETION CERTIFICATION**

StID 200 - 802 E. 12th Street, Oakland, CA 94606

June 9, 1995

Mr. John Cakebread  
P.O. Box 531  
Rutherford, CA 94573

Dear Mr. Cakebread:

This letter confirms the completion of site investigation and remedial action for the two former underground storage tanks (two 250 gallon gasoline tanks) removed from the above site on April 7, 1984.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations. Please contact Ms. Eva Chu at (510) 567-6700 if you have any questions regarding this matter.

Very truly yours,

A handwritten signature in cursive script that reads "Rafat A. Shahid".

Rafat A. Shahid, Director

cc: Chief, Division of Environmental Protection  
Kevin Graves, RWQCB  
Mike Harper, SWRCB (with attachment)  
files (cakebred.3) - cc

ENVIRONMENTAL  
95 JUN -2 PM 2:01

CALIFORNIA REGIONAL WATER

MAY 22 1995 KG

**CASE CLOSURE SUMMARY**  
**Leaking Underground Fuel Storage Tank Program**

QUALITY CONTROL BOARD

**I. AGENCY INFORMATION**

Date: March 1, 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: Cakebread's Garage, Inc  
Site facility address: 802 E. 12th St, Oakland, CA 94606  
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 200  
URF filing date: 11/29/94 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:  
John & Delores Cakebread P.O.Box 531, Rutherford, CA 94573

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	250	Gasoline	Removed	4/7/89
2	250	Gasoline	Removed	4/7/89

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: Leaking gasoline UST  
Site characterization complete? YES  
Date approved by oversight agency: August 25, 1994  
Monitoring Wells installed? Yes Number: 1  
Proper screened interval? Yes, 10.5 to 20.5' bgs  
Highest GW depth below ground surface: 6.54' Lowest depth: 7.37'  
Flow direction: Presumed west, southwesterly  
Most sensitive current use: Irrigation & S.F. Bay  
Are drinking water wells affected? No Aquifer name:  
Is surface water affected? No Nearest affected SW name:  
Off-site beneficial use impacts (addresses/locations): None known

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	2 USTs	H & H Ship	4/7/89
Soil Groundwater Barrels	4 Truckloads	Mountain View L.F.	8/12/91

**Maximum Documented Contaminant Concentrations - - Before and After Cleanup**

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before*	After
TPH (Gas)	6,100	22	130,000	27
TPH (Diesel)				
Benzene	9.1	.09	1,200	ND
Toluene	74	.32	7,700	ND
Ethylbenzene	73	.18	2,900	ND
Xylenes	420	.93	25,000	ND
Oil & Grease				
Heavy metals	Organic Pb in backfill- ND			
Other				

\*Grab groundwater sample  
 Comments (Depth of Remediation, etc.):

Tank pit was overexcavated, leaving residual soil contamination of up to 22 ppm TPH-G, .09, .32, .18, and .93 ppm BTEX, respectively.

**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: **None, pending site closure**  
 Number Decommissioned: 0 Number Retained: 1  
 List enforcement actions taken: **2NOV, November 16, 1990**

List enforcement actions rescinded: **2NOV, in compliance**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 5/18/95

Reviewed by

Name: Madhulla Logan Title: Haz Mat Specialist

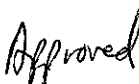
Signature:  Date: 5/16/95

Name: Barney Chan Title: Haz Mat Specialist

Signature:  Date: 4/13/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 5/18/95

RB Response: 

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature:  Date: 6/1/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

Two 250 gallon gasoline USTs were removed in April 1989. These tanks which were located side by side in a common pit had not been used for at least 13 years. Initial samples collected from native soil exhibited up to 6,100 ppm TPH-G, 9.1, 74, 73, and 420 ppm BTEX, respectively. Groundwater in the pit exhibited up to 130, 1.2, 7.7, 2.9, and 25 ppm TPH-G, and BTEX, respectively.

Overexcavation began in July 1991, removing most of the affected soils, leaving up to 22 ppm TPH-G, .09, .32, .18, and .93 ppm BTEX, respectively.

Based on surface topography and proximity to S.F. Bay, a monitoring well was installed in July 1991, in the presumed downgradient direction, west, southwest of the former tank pit. Initial sampling of the well exhibited up to 88,000 ppb TPH-G, and 780, 3,100, 2,600, and 11,000 ppb BTEX, respectively. Within six months these levels decreased, by natural degradation, to non detectable and low levels.

The well has been sampled 12 times, from July 1991 to April 1994. The final four quarters have detected 27 ppb TPH-G while BTEX levels were not detected. It appears source removal was effective in removing most of the soil and groundwater contamination at the site. Residual contamination appears to have naturally biodegraded.

TABLE 2  
SUMMARY OF GROUNDWATER CHEMICAL ANALYSES RESULTS

Well	Compound	Reporting Limit	Dates Sampled											
			7/26/91	8/12/91	9/18/91	10/10/91	1/21/92	4/28/92	11/25/92	4/6/93	7/27/93	11/1/93	2/2/94	4/29/94
MW-1	Benzene	0.5	780	82	20	140	ND	ND	1.5	ND	ND	ND	ND	ND
	Toluene	0.5	3,100	56	19	370	ND	ND	0.8	ND	ND	ND	ND	ND
	Ethylbenzene	0.5	2,600	55	12	430	ND	ND	0.8	3.2	ND	ND	ND	ND
	Total Xylene	0.5	11,000	120	170	590	ND	ND	2.7	ND	ND	ND	ND	ND
	TPH as Gasoline	50	88,000	2,000	2,100	8,500	ND	50	450	840	ND	20	27	ND

Notes:

All concentrations in ug/L.

ND = None Detected

*one quarter*

*4 QUARTERS*