

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

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

**REMEDIAL ACTION COMPLETION CERTIFICATION**

StID 3791 - 1 City Hall Plaza, Oakland 94612

February 10, 1995

Andrew Clark-Clough  
City of Oakland  
1330 Broadway, Suite 1001  
Oakland, CA 94612

Dear Clark-Clough:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank (285 gallon gasoline tank) removed from the above site on July 14, 1989.

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,

Rafat A. Shahid, Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division  
Kevin Graves, RWQCB  
Mike Harper, SWRCB (with attachment)  
files (cityoak2)

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

**I. AGENCY INFORMATION**

**Date:** January 31, 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: City of Oakland, City Hall  
Site facility address: 1 City Hall Plaza, Oakland 94612  
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3791  
URF filing date: 7/19/89 SWEEPS No: N/A

Responsible Parties:                      Addresses:                      Phone Numbers:

City of Oakland                      1330 Broadway, Suite 1001  
Oakland, CA 94612

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	285 gallons	Gasoline	Removed	7/14/89

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: **Overfilling of gasoline UST**  
Site characterization complete? **YES**  
Date approved by oversight agency: **4/29/94**  
Monitoring Wells installed? **NO** Number:  
Proper screened interval? **NA**  
Highest GW depth below ground surface: **NA** Lowest depth:  
Flow direction: **NA**  
Most sensitive current use:  
Are drinking water wells affected? **No** Aquifer name:  
Is surface water affected? **NO** Nearest affected SW name:  
Off-site beneficial use impacts (addresses/locations):

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	1 UST	Levin Metals, Richmond	7/18/89
Piping			
Free Product			
Soil			
Groundwater			
Barrels			

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

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	910	ND	98	
TPH (Diesel)				
Benzene	.57	ND	ND	
Toluene	4.5	ND	.7	
Ethylbenzene	ND	ND	ND	
Xylenes	ND	ND	1.3	
Oil & Grease				
Heavy metals				
Other Organic Lead	.8			

**Comments (Depth of Remediation, etc.):**

Initial soil sample collected at 8' depth had elevated levels of TPH-G. The pit was overexcavated to 11' depth and backfilled with clean fill. No soil sample was collected after overexcavation.

**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: **None**

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: Date: 1/31/95

Reviewed by *esuh*

Name: Tom Peacock Title: Supervising HMS

Signature: *Thomas Peacock* Date: 1-31-95

Name: Madhulla Logan Title: Haz Mat Specialist

Signature: *Madhulla Logan* Date: 1/27/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 2/1/95 RB Response: *Approved*

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: *Kevin Graves* Date: 2/1/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

When a 285 gallon gasoline UST was removed in July 1989, a soil sample collected from native soil beneath the tank exhibited up to 910 ppm TPH-G, .57 ppm benzene, and 4.5 ppm toluene (ND for xylenes and ethylbenzene). Visibly stained soil was overexcavated to a depth of 11'. The pit was backfilled with pea gravel and resurfaced. No soil sample was collected after overexcavation.

In April 1992 four soil borings were advanced (one through the pit, three within 10' of the former tank pit, to the N, E, and W direction). Soil was analyzed from 5', 10', 15', and 20', and did not detect petroleum hydrocarbons. The east boring was also sampled at 26' and 29', without detecting contaminants. Groundwater grab samples were collected from three of the borings. Only the east boring detected levels of contaminants (98 ppb TPH-G, ND for benzene and ethylbenzene, .7 ppb toluene and 1.3 ppb xylenes). The state certified laboratory stated "the chromatograms did not show the characteristic pattern associated with gasoline, weathered or fresh."

It appears the extent of soil contamination was very limited and removed during the tank removal and pit overexcavation activities as verified with the soil samples collected from the four soil borings. Sediments to 28' depth were dense to very dense brown clayey, fine sands. Any residual contaminant should not to pose a significant threat to groundwater at 28' bgs. Only low to trace levels of TPH-G, toluene and xylenes were detected in one of the groundwater grab samples. A groundwater investigation is not necessary for this site.