

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

July 15, 1994

StID 886 - 2515 Seminary Ave, Oakland

Mr. Ralph Carlisle  
5948 Taft Ave  
Oakland, CA 94618

Dear Carlisle:

This letter confirms the completion of site investigation and remedial action for the three former underground storage tanks (one 500 and 2 800 gallon gasoline tanks) removed from 2515 Seminary Ave, Oakland in March 1993.

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) 271-4320 if you have any questions regarding this matter.

Very truly yours,

Rafat A. Shahid  
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division  
Kevin Graves, RWQCB  
Mike Harper, SWRCB (with attachment)  
files (carlisle.5)

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

**I. AGENCY INFORMATION**

Date: April 15, 1994

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

**II. CASE INFORMATION**

Site facility name: Carlisle Auto Service  
Site facility address: 2515 Seminary Ave, Oakland, CA 94605  
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 886  
URF filing date: 3/26/93 SWEEPS No: N/A

Responsible Parties:                      Addresses:                      Phone Numbers:

Ralph Carlisle                      5948 Taft Ave, Oakland 94618

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1.	500 gallon	Gasoline	Removed	3/11/93
2.	800 gallon	Gasoline	Removed	3/11/93
3.	800 gallon	Gasoline	Removed	3/11/93

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: Leaking gasoline UST  
Site characterization complete? YES  
Date approved by oversight agency: November 9, 1993  
Monitoring Wells installed? NO                      Number:  
Proper screened interval? N/A  
Highest GW depth below ground surface: N/A                      Lowest depth:  
Flow direction: N/A  
Most sensitive current use: None  
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

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 (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank Piping Free Product	3 USTs	Disposed by Erickson	3/11/93
Soil Groundwater Barrels	78 cy	Taken to Vasco Rd L.F.	10/12/93

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

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	420	2.2	No water to 50' depth.	
TPH (Diesel)				
Benzene	.006	.006		
Toluene	1.6	.007		
Ethylbenzene	2.3	.022		
Xylenes	1.7	.025		
Oil & Grease	ND	50		
Heavy metals Total Pb	10			
Other Cl-HC	ND			

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

The three USTs were in two separate pits. These pits were overexcavated to 10-11.5' depth to remove all reachable and visibly contaminated soil. Laboratory results confirmed very low levels of contaminants were left in place.

**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: **N/A**  
 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: May 17, 1994

Reviewed by

Name: Barney Chan

Title: Haz Mat Specialist

Signature: 

Date: May 17, 1994

Name: Susan Hugo

Title: Sr. Haz Mat Specialist

Signature: 

Date: May 17, 1994

VI. RWQCB NOTIFICATION

Date Submitted to RB: May 18, 1994

RB Response: OK

RWQCB Staff Name: Kevin Graves

Title: WRCE

Signature: 

Date: 6/16/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

Three gasoline USTs were removed in March 1993. The tanks had numerous holes and were corroded. Initial soil samples exhibited up to 420 ppm TPH-G, .006, 1.6, 2.3, and 1.7 ppm BTEX, respectively. The pits were overexcavated to remove all reachable and visibly contaminated soil. Only low levels of contaminants were detected in confirmatory sidewall samples from 7-12' depth.

The tanks were removed under rainy conditions. Water accumulation in the pit was due to rain water. No water was observed in the pit during overexcavation. Groundwater analysis on perched water is not indicative of water conditions at this site.

Installation of three monitoring wells were planned. However, two soil borings advanced in the assumed downgradient direction, within 10' of the eastern tank pit (this pit had higher levels of contamination than the west pit) did not encounter groundwater down to 50'. Silty clays were encountered from depths of 11.5' to 33'. Soil from 33' to 50' depth consisted of clayey sand and gravel with minor silty fine sand. Soil samples collected from the borings detected low levels of contamination (up to 2.2 ppm TPH-G and N.D. for benzene at 7.5'). A soil sample collected from 50' depth in soil boring SB-1 detected 1.6 ppm TPH-G and .049 ppm benzene. However, a soil sample collected from 45' in boring SB-2 did not detect any petroleum hydrocarbons. Contamination detected in SB-1 may be due to sampling error or laboratory contamination. Because groundwater was not encountered to 50', it was decided monitoring wells were not needed for this site..

**V. LOCAL AGENCY REPRESENTATIVE DATA**

Name: **Eva Chu** Title: **Haz Mat Specialist**

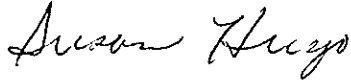
Signature:  Date: **May 17, 1994**

**Reviewed by**

Name: **Barney Chan** Title: **Haz Mat Specialist**

Signature:  Date: **May 17, 1994**

Name: **Susan Hugo** Title: **Sr. Haz Mat Specialist**

Signature:  Date: **May 17, 1994**

**VI. RWQCB NOTIFICATION**

Date Submitted to RB: **May 18, 1994** RB Response:

RWQCB Staff Name: **Kevin Graves** Title: **WRCE**

Signature: Date:

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Several soil samples collected from each boring were screened with a PID and did not detect any volatile compounds. The low levels of volatile BTEX detected from laboratory analyses of soil samples suggests the gasoline leak is old and most of the volatile compounds have biodegraded. It does not appear the petroleum hydrocarbon left in soil would impact groundwater quality.

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