

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

November 2, 1994  
StID # 3668

Alameda County  
Health Care Services Agency  
Dept. Of Environmental Health  
1131 Harbor Bay Pkwy 2nd Flr.  
Alameda Ca 94502-6577

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. J. W. Silveria  
499 Embarcadero  
Oakland CA 94606

RE: Acker and Guerrero Roof, 923 87th Ave., Oakland 94621

Dear Mr. Silveria:

This letter confirms the completion of site investigation and remedial action for the 2000 and 4000 gallon underground storage tanks removed at the above described location.

Based upon the available information and with 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 the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Rafat A. Shahid  
Director

c: Edgar B. Howell, Chief, Hazardous Materials Division-files  
Kevin Graves, RWQCB  
Mike Harper, SWRCB

RACC923-87

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

**I. AGENCY INFORMATION**

**Date:** 9/29/94

**Agency name:** Alameda County-HazMat **Address:** 1131 Harbor Bay Parkway,  
Rm. 250

**City/State/Zip:** Alameda CA 94502

**Phone:** (510) 567-6700

**Responsible staff person:** Barney Chan **Title:** Hazardous Materials Spec.

**II. CASE INFORMATION**

**Site facility name:** Acker and Guerrero Roof

**Site facility address:** 923 87th Ave, Oakland CA 94621

**RB LUSTIS Case No:** N/A **Local Case No./LOP Case No.:** 3668

**ULR filing date:** 5/4/91

**SWEEPS No:** N/A

**Responsible Parties:**

**Addresses:**

**Phone Numbers:**

Mr. J. W. Silveria

499 Embarcadero,  
Oakland, CA 94606

(510) 834-9810

<b><u>Tank No:</u></b>	<b><u>Size in gal.:</u></b>	<b><u>Contents:</u></b>	<b><u>Closed in-place or removed?:</u></b>	<b><u>Date:</u></b>
1	2000	unknown fuel	Removed	4/24/91
2	4000	unknown fuel	Removed	4/24/91

**III RELEASE AND SITE CHARACTERIZATION INFORMATION**

**Cause and type of release:** holes apparent in tank

**Site characterization complete?** Yes

**Date approved by oversight agency:**

**Monitoring Wells installed?** YES **Number:** 3

**Proper screened interval?** Yes, 5-20 and 5-25 feet

**Leaking Underground Fuel Storage Program**

Highest GW depth: 6.64'                      Lowest depth: 8.81'

Flow direction: Generally westerly @ 0.002 '/'

**Treatment and Disposal of Affected Material:**

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment of Disposal w/destination)</u>	<u>Date</u>
Tanks & Piping	1-2000 gallon	Disposed by H&H Shipping	4/24/91
Soil	1-4000 gallon	Disposed by H&H Shipping	4/24/91
	18cy	Disposed at West Contra Costa Landfill	8/14/91
Water	1000 gallons	Disposed by H&H Shipping	4/24/91
	1320 gallons	Refinery Services, Patterson	5/18/93
	2840 gallons	Refinery Services, Patterson	11/2/93
	970 gallons	Refinery Services, Patterson	11/23/93

**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	---	Grab H2O, Pit sample	29	ND-3.0
TPH (Diesel)	* ND	---		8.8	ND-1.1
Benzene	0.016	---		ND	ND-0.041
Toluene	0.032	---		0.054	ND-0.029
Ethylbenzene	0.015	---		2.3	ND-0.0094
Xylene	0.090	---		0.57	ND-0.017
Organic Lead	ND	---		ND	---

\* Stockpile sample, all other soil samples from tank pull, ground water samples represent the range of concentrations for the past year.

**Comments (Depth of Remediation, 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:

**Leaking Underground Fuel Storage Tank Program**

Should corrective action be reviewed if land use changes? No

Monitoring wells Decommisioned: NO

Number Decommisioned: 0

Number Retained: 3

List enforcement actions taken: None

List enforcement actions rescinded:None

**V. LOCAL AGENCY REPRESENTATIVE DATA**

Name: Barney M. Chan

Title: Hazardous Materials Specialist

Signature:



Date:

9/29/94

**Reviewed by**

Name: Jennifer Eberle

Title: Hazardous Materials Specialist

Signature:



Date:

9-28-94

Name: Eva Chu

Title: Hazardous Materials Specialist

Signature:



Date:

9/27/94

**VI. RWQCB NOTIFICATION**

Date Submitted to RB:

RB Response:

RWQCB Staff Name: K. Graves

Title: AWRCE

Date:

**VII. ADDITIONAL COMMENTS, DATA, ETC.**

See site summary and monitoring well results attached

TABLE 1 SUMMARY OF GROUNDWATER ANALYSES RESULTS IN PARTS PER BILLION

923 87th Ave., Oakland

DATE	WELL NO.		TPH DIESEL	TPH GASOLINE	BENZENE	TOLUENE	ETHYL- BENZENE	XYLENE
9/26/91	MW-1		ND	ND	ND	ND	ND	ND
	MW-2		68	1700	ND	ND	1.7	ND
	MW-3		ND	ND	ND	ND	ND	ND
2/04/92	MW-1		ND	ND	0.52	ND	ND	ND
	MW-2		64	680	ND	ND	ND	ND
	MW-3		ND	ND	ND	ND	ND	ND
8/27/92	MW-1		ND	ND	ND	ND	ND	ND
	MW-2		140	180	ND	ND	ND	ND
	MW-3		ND	ND	ND	ND	ND	ND
12/8/92	MW-1		ND	ND	ND	ND	ND	ND
	MW-2		ND	430	ND	ND	ND	ND
	MW-3		ND	ND	ND	ND	ND	ND
3/02/93	MW-1	7.10	ND	ND	ND	ND	ND	ND
	MW-2	6.64	ND	490	ND	ND	ND	ND
	MW-3	7.04	ND	ND	ND	ND	ND	ND
5/26/93	MW-1	7.65	ND	ND	ND	ND	ND	ND
	MW-2	7.18	61	260	41	1.1	0.8	2.5
	MW-3	7.54	ND	ND	ND	ND	ND	ND



Site Summary - 923 87th Ave., Oakland CA 94621  
Acker and Guerrero Roofing

**4/24/91-** One 2k and one 4k underground fuel tank were removed from this site from two tank pits. Groundwater was encountered in the excavations at approximately 8' bgs. Soil samples were taken at the ends of each tank at the groundwater/soil interface. Prior to purging, two grab water samples were also taken, one from each pit.

The soil samples were ND for TPHg and TPHd and had BTEX concentrations slightly above detection limits. The water samples detected relatively high levels of TPHg and d and some TEX compounds but no B. After the tank removals, 1000 gallons of water was removed from the pits.

**9/19/91-** Three monitoring wells were installed at the site. Soils encountered were 0-4', sandy gravel, from 4-10' clay and from 10-20' (end of borehole) water was encountered in the sandy clay. No odors were noticed in the MW borings, however, no samples were analyzed, presumably because of the low concentration of contaminants found in the tank pull samples. MW's 1 and 3 are downgradient to the former tanks and MW-2 is cross-gradient.

Groundwater monitoring has continued for nearly three years, see attached monitoring results. Over this time the analytes TPHg,d and BTEX have been detected intermittently in MW1 and MW2. Concentrations as high as 1.1 mg/l diesel, 3 mg/l gasoline and 0.041 mg/l benzene has been detected. The TEX compounds have never exceeded their MCL concentration.

On three occasions: 5/18/93, 11/2/93 and 11/23/93, the contractor extracted considerable water from MW-2 in an attempt to reduce the concentration of TPHg within this well. This action may have backfired since additional analytes were detected in the monitoring event immediately following each of these actions.

Site closure is recommended for this site based on:

1. The apparent low level of soil contamination at this site.
2. Significant groundwater water was removed from the tank pit initially and subsequently from MW-2.
3. Groundwater contamination is fairly low in all target compounds sought. Benzene, though detected, appears to be localized and is only infrequently detected. After nearly three years of groundwater monitoring, it appears that the fuel release at this site has not significantly impacted groundwater quality.