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 4474 - **365 Hawthorne Ave, Oakland 94609**

August 29, 1994

Mr. Frank Clemens
Merritt Hospital, Cardio-Pulmonary
350 Hawthorne Ave
Oakland, CA 94609

Dear Clemens:

This letter confirms the completion of site investigation and remedial action for the 400 gallon home heating fuel tank removed from the above site on June 12, 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
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
files (merritt.2)

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: August 18, 1994

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: **Merritt Hospital, Cardio Pulmonary**
Site facility address: **365 Hawthorne Ave, Oakland 94609**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **4474**
URF filing date: **6/20/89** SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
Merritt Hosp, Cardio Pulmonary **Attn Frank Clemens, Admin.**	**350 Hawthorne Ave** **Oakland, CA 94609**	**(510) 420-6072**

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	400	Home heating oil	Removed	6/12/89

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown, possible overfilling**
Site characterization complete? **YES**
Date approved by oversight agency: **August 12, 1994**
Monitoring Wells installed? **No** Number:
Proper screened interval? **NA**
Highest GW depth below ground surface: Lowest depth:
Flow direction:
Most sensitive current use: **Unknown**
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**
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment or Disposal w/destination)	Date
Tank	1 UST	Disposed by Erickson	6/18/89
Piping			
Free Product	240 gal rinsate	Bayside Oil, Santa Cruz	6/13/89
Soil	90 cy	Chem Waste, Kettleman City	10/12/89
Groundwater			
Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppb) Before	Water (ppb) After
TPH (Gas)				
TPH (Diesel)	4,600	2,000		
Benzene	NA	NA		
Toluene	NA	NA		
Ethylbenzene	NA	NA		
Xylenes	NA	NA		
Oil & Grease				
Heavy metals				
Other TPH-kerosene	1,900	NA		

Comments (Depth of Remediation, etc.):

The pit was overexcavated to 24' depth, removing most of the contaminated soil. A small pocket of residual contamination remains at 24-26' depth.

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: **NA** Number Retained:
List enforcement actions taken: **None**

List enforcement actions rescinded: **None**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: [signature] Date: 8/18/94

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature: [signature] Date: 8/18/94

Name: Tom Peacock Title: Supervising HMS

Signature: [signature] Date: 8-18-94

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/19/94 RB Response: Approved

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: [signature] Date: 8/24/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

On June 12, 1989 a 400 gallon home heating fuel UST was removed. A soil sample collected "showed high levels of contamination at the bottom of the excavation." Laboratory analytical results were not provided.

Three soil borings were advanced through and around the former tank pit to delineate the vertical and lateral extent of soil contamination due to the unauthorized fuel release at the site. The northwest boring exhibited 2,900, 4,600, and 4,200 ppm TPH-D at 11, 16, and 21' depth, respectively. Soil contamination was not detected at 26' depth.

In October 1989 the pit was overexcavated to a depth of 24', removing approximately 90 cy of contaminated soil. Confirmatory soil samples collected at 24.5' depth exhibited 2,000 ppm TPH-D. The pit has been backfilled with clean fill material.

The former heating fuel tank serviced a private residential home. The house was relocated when Merritt Hospital purchased the property to construct a medical office building. The site is located on top of a moderately steep hill. Groundwater is believed to be in excess of 50' depth. Currently, remediation policy pertaining to home heating fuel tanks is to remove to the extent possible any obviously contaminated soil. Residual contaminated soil at 24-26' depth does not pose a significant risk to human health. It does not appear this contamination has migrated beyond 26' depth, as soil samples collected from 26', 31', and 35' depths did not detect levels of TPH-D or kerosene. Potential impact to groundwater appears to be minimal. A groundwater monitoring well is not warranted.