

REMEDIAL ACTION COMPLETION CERTIFICATION

January 28, 1994

Mr. Robert Carpenter
524 S. Livermore Ave
Livermore, CA 94550

StID 3823 - 524 S. Livermore Ave., Livermore, CA 94550

Dear Mr. Carpenter:

This letter confirms the completion of site investigation and remedial action for the home heating fuel underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, this office has determined that no further action is required at this time.

Based on the information submitted and current requirements, the RWQCB has also accepted the determination of this agency that no further action is required at this time. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions regarding this letter, please give Ms. Eva Chu a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

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

carpnter3

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date:

Agency name: **Alameda County HazMat** Address: **80 Swan Wy.,
Room 200**
City/State/Zip: **Oakland, CA 94621** Phone: **(510) 271-4320**
Responsible Staff: **Eva Chu** Title: **Haz Mat
Specialist**

II. CASE INFORMATION

Site facility name: **Carpenter**
Site facility address: **524 S. Livermore Ave, Livermore**
RB LUSTIS Case No: **N/A** Local Case/LOP Case No.: **3823**
URF filing date: **1/24/91** SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
1. Robert Carpenter	524 S. Livermore Ave Livermore, CA 94550	(510) 447-6460

Tank No.	Size in gallons	Contents	Closed in-place or removed?:	Date
1.	500	Heating Oil	removed	1/15/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

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

Report on file? **YES** Where is report(s) filed? **Alameda County
80 Swan Way #200
Oakland CA 94621**

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 12/28/93

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

CALIFORNIA REGIONAL WATER

Site facility name: **Carpenter**

DEC 30 1993

Site facility address: **524 S. Livermore Ave, Livermore**

QUALITY CONTROL BOARD

RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **StID 3823**

URF filing date: **1/4/24/91** SWEEPS No: **N/A**

Responsible Parties: Addresses: Phone Numbers:

Robert Carpenter **524 S. Livermore Ave.** **(510) 447-6460**
Livermore, CA 94550

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	500	Heating Oil	Removed	1/18/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Possibly from overfilling**

Site characterization complete? **NO**

Date approved by oversight agency:

Monitoring Wells installed? **NO** Number:

Proper screened interval? **NA**

Highest GW depth below ground surface: Lowest depth:

Flow direction:

Most sensitive current use: **Domestic Drinking Water**

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**
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 of Disposal w/destination)</u>	<u>Date</u>
Tank	500 gallon	Taken to Erickson, Inc	1/15/91
Piping			
Free Product	none		
Soil	40 cy	Disposed at Vasco Rd L.F.	2/12/91
Groundwater			
Barrels			

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After
TPH (Gas)				
TPH (Diesel)	180	NA		
Benzene	<5	NA		
Toluene	<5	NA		
Xylene	10	NA		
Ethylbenzene	<5	NA		
Oil & Grease	260	<50		
Heavy metals				
Other				

Comments (Depth of Remediation, etc.):

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Undetermined**

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Undetermined**

Does corrective action protect public health for current land use? **Unknown**

Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**

Monitoring wells Decommisioned: **NA**

Number Decommisioned:

Number Retained:

List enforcement actions taken: **None**

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Eva Chu** Title: **Hazardous Materials Specialist**

Signature:  Date: **December 28, 1993**

Reviewed by:

Name: **Jennifer Eberle** Title: **Hazardous Materials Specialist**

Signature:  Date: **12-27-93**

Name: **Juliet Shin** Title: **Hazardous Materials Specialist**

Signature:  Date: **12/27/93**

VI. RWQCB NOTIFICATION

Date Submitted to RB: **December 28, 1993** RB Response: **Concur**

RWQCB Staff Name: **Sumadhu Arigala** Title: **WRCE** Date: **1/4/94**

VII. ADDITIONAL COMMENTS, DATA, ETC.

The UST removed was for home heating fuel. Initial contaminant levels were low. Overexcavation of another 3-4 feet of soil removed additional contaminated soil. Soil sample collected at this depth was only analyzed for TOG, none was detected. Historical groundwater level fluctuates between 20-55 feet below grade. On July 1992, groundwater at a nearby site, 318 S. Livermore Ave., was at a depth of 45 feet.

Current department policy dictates that home heating fuel tanks, when removed, should remove as much as possible any obvious, visible contamination. This appears to be the case with this site, and I recommend this case for site closure.