

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

REMEDIAL ACTION COMPLETION CERTIFICATION

February 28, 1994

Steve McKinley
Alameda Fire Dept.
1300 Park St.
Alameda, CA 94501

STID 3870, Alameda Fire Station #2, 635 Pacific Ave., Alameda, CA

Dear Mr. McKinley:

This letter confirms the completion of site investigation and remedial action for the former 285-gallon 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 Juliet Shin a call at (510) 271-4530.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'Rafat A. Shahid'.

Rafat A. Shahid
Assistant Agency Director

RAS:TP:st

c: Edgar B. Howell, Chief, Hazardous Materials Division
Rich Hiett, RWQCB
Mike Harper, SWRCB
File

LOP\Completion

REMEDIAL ACTION COMPLETION CERTIFICATION

February 9, 1994

Steve McKinley
Alameda Fire Dept.
1300 Park St.
Alameda, CA 94501

STID 3870, Alameda Fire Station, 635 Pacific St., Alameda, CA

Dear Mr. McKinley:

This letter confirms the completion of site investigation and remedial action for the one former 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 Juliet Shin a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

RAS:TP:st

c: Edgar B. Howell, Chief, Hazardous Materials Division
Rich Hiatt, RWQCB
Mike Harper, SWRCB
File

LOP\Completion

CALIFORNIA REGIONAL WATER
 JAN 31 1994
 QUALITY CONTROL BOARD
 Date: 1/25/94

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

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

II. CASE INFORMATION

Site facility name: **Alameda Fire Station #2**
 Site facility address: **635 Pacific Ave., Alameda, CA 94501**
 RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **STID 3870**
 URF filing date: **12/22/93** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
City of Alameda	2263 Santa Clara Ave. Alameda, CA 94501	(510)748-4530

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	285	diesel	removed	11/15/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown. Tank was apparently in good condition.**

Site characterization complete? **YES**

Date approved by oversight agency: **8/08/93**

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

Proper screened interval? **YES**

Highest GW depth below ground surface: **4.8'** Lowest depth: **7.93'**

Flow direction: **south to east**

Most sensitive current use: **unknown**

Are drinking water wells affected? **NO** Aquifer name: **Merritt Sand**

Is surface water affected? **NO** Nearest affected SW name: **None**

Off-site beneficial use impacts (addresses/locations): **None**

Leaking Underground Fuel Storage Tank Program

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</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>of Disposal w/destination)</u>	<u>Date</u>
Tank	one 285-gallon	Erickson, Inc. 225 Parr Blvd. Richmond, CA 94801	11/15/91
Piping	Unknown	Unknown	
Soil	48 cubic yards (?)	Mountain View Landfill	Unknown
Groundwater	Unknown fate of purge water		

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	NA	NA	NA	NA
TPH (Diesel)	ND	ND	120	ND
Benzene	ND	ND	ND	ND
Toluene	0.006	ND	ND	ND
Xylene	0.004	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
Oil & Grease	NA	NA	NA	NA
Heavy metals	NA	NA	NA	NA
Other				

Comments (Depth of Remediation, etc.): The parameters of the excavation was approximately 13 x 10 x 10 feet below ground surface.

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? **YES**

Site management requirements: **NA**

Should corrective action be reviewed if land use changes? **NO**

Monitoring wells Decommisioned: **NO**

Number Decommisioned: **0**

Number Retained: **4**

Leaking Underground Fuel Storage Tank Program

List enforcement actions taken: None

List enforcement actions rescinded: Not Applicable

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Juliet Shin Title: Hazardous Materials Specialist
Signature: *Juliet Shin* Date: 1/25/94

Reviewed by
Name: Thomas Peacock Title: Supervising HMS
Signature: *Thomas Peacock* Date: 1-25-94

Name: Barney Chan Title: HMS
Signature: *Barney Chan* Date: 1-25-94

VI. RWQCB NOTIFICATION

Date Submitted to RB: RB Response: *Concur* *(KDD)*
RWQCB Staff Name: Rich Hiatt Title: San. Engineering Asso. Date: 2/4/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

The 285-gallon diesel UST was removed from the site on November 15, 1991. One soil sample was collected from beneath the UST and analyzed for diesel and BTEX. Analysis of the soil sample identified 6.5 ppb toluene and 4.4 ppb xylenes. Subsequently, the tank pit was excavated further on August 17, 1992, and four sidewall soil samples were collected from the pit. Only 7.1 ppm diesel was identified from the west sidewall. Additional excavation of the west sidewall was conducted on August 18, 1992. The confirmatory soil sample collected from this wall was Non Detect for TPHd and BTEX.

Three monitoring wells were installed at the site (MW2, MW3, and MW4) to confirm ground water gradient. Monitoring well MW-1 was installed at the site in 1987 to monitor any potential releases from the former tank, however the construction of this well was uncertain. This well was located approximately 2 feet from the tank. It was monitored quarterly since 1987, and analyzed for diesel and BTEX, and no contaminants were ever identified except for one hit of diesel at 120 ppb in 1987. Soil and ground water samples collected from MW2, MW3, and MW4 for four quarters were analyzed for gas, diesel, and BTEX, and these samples never identified any contaminants above detection limits.