

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 18, 1994

Mr. Phillip Wagner
Chabot-Las Positas CCD
5673 Gibraltar Dr., #100
Pleasanton, CA 94588

StID 1955, 3033 Collier Canyon Rd., Livermore, CA 94550

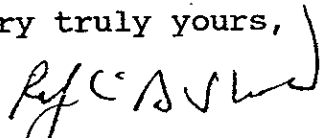
Dear Mr. Wagner:

This letter confirms the completion of site investigation and remedial action for the four former underground storage tanks 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
Sumadhu Arigala, RWQCB
Mike Harper, SWRCB (with attachment)
Misty Kaltreider, ACC, 1000 Atlantic Ave., #110, Alameda
CA 94501
files

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ALCO
HAZMAT

FEB 03 1994 SX

CLOSURE SUMMARY

QUALITY CONTROL BOARD

Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: January 31, 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: Las Positas College
 Site facility address: 3033 Collier Canyon Rd., Livermore, CA 94550
 RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 1955
 URF filing date: 8/27/91 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:

Chabot-Las Positas CCD 5673 Gibraltar Dr., #100
 Attn. Phillip Wagner Pleasanton, CA 94588

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	8,000	diesel	removed	Aug 1991
1	25,000	diesel	removed	Aug 1991
1	500	gasoline	removed	Aug 1991
1	300	waste oil	removed	Aug 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
 Site characterization complete? YES
 Date approved by oversight agency: 6/26/92
 Monitoring Wells installed? YES Number: 3
 Proper screened interval? YES
 Highest GW depth below ground surface: 56.93' Lowest depth: 62.79'
 Flow direction: South-southwest and east
 Most sensitive current use: None
 Are drinking water wells affected? NO Aquifer name: Unknown
 Is surface water affected? NO Nearest affected SW name: NA
 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	4 USTs	Taken to H & H	8/27/91
Soil Groundwater Barrels	25 cy	Aerated and re-used on site	8/5/92

CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
FEB 11 1994
SA

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)	5,800	3.9	ND	ND
TPH (Diesel)				
Benzene	5.5	.380	ND	ND
Toluene	100	.031	ND	ND
Ethyl-benzene	51.0	.042	ND	ND
Xylenes	630	.450	ND	ND
Oil & Grease				
Heavy metals				
Other				

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: **None**
 Should corrective action be reviewed if land use changes? **NO**
 Monitoring wells Decommissioned: **NO**
 Number Decommissioned: **Upon case closure** Number Retained: **3**
 List enforcement actions taken:
 List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

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

Signature: *Eva Chu* Date: **4/31/94**

Reviewed by

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

Signature: *Barney Chan* Date: **1/31/94**

Name: **Tom Peacock** Title: **Supervising HMS**

Signature: *Tom Peacock* Date: **1-31-94**

VI. RWQCB NOTIFICATION

Date Submitted to RB: **February 1, 1994** RB Response:

RWQCB Staff Name: **Sumadhn Arigala** Title: **WRCE**

Signature: *Sumadhn Arigala* Date: **2/15/94**

VII. ADDITIONAL COMMENTS, DATA, ETC.

In August 1991 four USTs (one gasoline, one waste oil, and two diesel tanks) were removed, from four separate pits. Soil samples collected in native soil beneath the waste oil and diesel tanks did not detect contaminants of TPH-D, BTEX, chlorinated hydrocarbons, semi-volatile compounds, or TOG. Metals (Cd, Cr, Ni, Pb, and Zn) detected did not exceed the TTLC and were less than ten times the STLC.

However, soil from beneath the gasoline tank exhibited up to 5,800 ppm TPH-G and 5.5 ppm benzene. This pit was left open until July 1992 when two soil samples were collected about four feet below the original excavation depth. Both samples did not detect TPH-G or BTEX. The pit has now been filled and compacted.

Additional investigations included the advancement of seven borings around the gasoline tank pit to determine the extent of soil contamination. Less than 4 ppm TPH-G was detected from soil samples collected at 5 foot intervals, but up to 380 ppb benzene was found at 30 feet depth. Three groundwater monitoring wells were installed in May 1992. Depth to water has ranged from 57-63 feet. Wells were screened from 59-73 feet depth. Groundwater flows generally to the southwest. Groundwater has been sampled for five consecutive quarters without detecting TPH-G or BTEX.

Beneficial uses of groundwater in the area in proximity to the subject site do not appear to be threatened to a significant extent from the release that occurred at this site. Site closure is recommended.