

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 480 - 294 27th St, Oakland 94612

November 18, 1994

Mr. Dave Robb
MR & RB Partnership
P.O. Box 5500
Walnut Creek, CA 94596

Dear Mr. Robb:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank (one 250 gallon waste oil tank) removed from the above site on November 1992.

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,

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

Rafat A. Shahid, Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
files (acura2)

01-0975

NOV 02 1994 KG

QUALITY CONTROL BOARD

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: October 27, 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: Former Acura Dealership
Site facility address: 294 27th St, Oakland 94612
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 480
URF filing date: 9/28/94 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:
MR & RB Partnership P.O. Box 5500
Attn. Dave Robb Walnut Creek, CA 94596

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	250	Waste Oil	Removed	11/24/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
Site characterization complete? YES
Date approved by oversight agency: 9/24/94
Monitoring Wells installed? Yes Number: 2
Proper screened interval? Yes, 5.5 to 18' bgs
Highest GW depth below ground surface: 8.23' Lowest depth: 9.49'
Flow direction: S, SW inferred, Lake Merritt is within 600' of the site in a southerly direction.
Most sensitive current use: Lake Merritt
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:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank Piping Free Product	1 UST	Disposed by Schnitzer Steel	11/30/92
Soil Groundwater Barrels	12 cy	Forward L.F., Stockton	2/4/93

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)	ND	ND	ND	ND
TPH (Diesel)	ND	ND	250	ND
Benzene	ND	ND	ND	ND
Toluene	ND	ND	.8	ND
Ethylbenzene	ND	ND	.9	ND
Xylenes	ND	ND	3.9	ND
Oil & Grease	Total 270	15 non-polar	7,000	ND
Heavy metals	Not Analyzed			
Other Cl-HC	ND		ND (grab sample)	

Comments (Depth of Remediation, etc.):

No overexcavation or remediation required.

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: **None, upon site closure**
 Number Decommissioned: 0 Number Retained: 2
 List enforcement actions taken: **None**

List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 10/27/94

Reviewed by

Name: Jennifer Eberle Title: Haz Mat Specialist

Signature: *J. Eberle* Date: 10-27-94

Name: Barney Chan Title: Haz Mat Specialist

Signature: *B. Chan* Date: 10/27/94

VI. RWQCB NOTIFICATION

Date Submitted to RB: 10/28/94 RB Response: *Approved*

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: *K. Graves* Date: 11/7/94

VII. ADDITIONAL COMMENTS, DATA, ETC.

On September 21, 1992 three soil borings (one adjacent to drainage canal, two adjacent to waste oil tank) were advanced to 17.5 to 20' bgs. Soil (from 7-7.5' depth) and groundwater grab samples collected were analyzed for TPH-G, D, BTEX, O & G, and Cl-HCs. Soil samples detected only TOG ranging from 150-270 ppm. And, 70 ppb TPH-D was detected in groundwater from boring SB-2A, adjacent to the waste oil tank. Groundwater was encountered at approximately 8' bgs.

The 250 gallon waste oil UST was removed in November 1992. A soil sample collected beneath the tank (at 8' depth) did not detect TPH-G, D, BTEX, TOG, or Cl-HCs.

On February 11, 1993 two monitoring wells were installed in the inferred downgradient direction of the former tank pit. Well MW-1 is located within 10' of the former tank pit, and MW-2 is approximately 20' further downgradient. Groundwater has been sampled for 6 quarters, from Feb 1993 to June 1994. Low levels of TPH-D (up to 250 ppb) was detected only in Sep 1993, and 7 ppm O & G was detected in March 1994. BTEX have not been detected since the wells were installed.

With the removal of the waste oil tank, residual contaminated soil left in place does not appear to have significantly impacted groundwater quality beneath the site.

TABLE 2

M.R. & R.B. Partnershi
294 27th Street
Oakland, California

Groundwater Results

Monitoring Well and Sampling Date	TPH Gas ug/l	TPH Diesel ug/l	Oil & Grease (mg/l)	Ben- zene ug/l	Tolu- ene ug/l	Ethyl Ben ug/l	Zyl- ene ug/l	Chlor HCarbons ug/l	Grnd Water Depth ft. BGS*
Phase II Assessment									
SB-1 Sep-92		<50	<0.5	<0.3	<0.3	<0.3	<0.3	<0.5	8.00
SB-2A Sep-92	<50	70*	<0.5	<0.3	<0.3	<0.3	<0.3	<0.5	8.00
SB-3 Sep-92	<50	<50	<0.5	<0.3	<0.3	<0.3	<0.3	<0.5	8.00
Quarterly Monitoring MW1									
Feb-93	NA	<50	0.9**	<0.5	<0.5	0.5	2.7	NA	8.30
Jun-93	<50	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	9.49
Sep-93	NA	80	<5	<0.3	<0.3	<0.3	<0.5	NA	9.26
Dec-93	NA	<50	<5	<0.3	<0.3	<0.3	<0.5	NA	8.42
Mar-94	NA	<50	<5	<0.3	<0.3	<0.3	<0.5	NA	8.23
Jun-94	NA	<50	<5	<0.3	<0.3	<0.3	<0.6	NA	8.24
MW2									
Feb-93	NA	<50	0.8**	<0.5	0.8	0.9	3.9	NA	7.90
Jun-93	<50	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	9.75
Sep-93	NA	250	<5	<0.3	<0.3	<0.3	<0.5	NA	9.76
Dec-93	NA	<50	<5	<0.3	<0.3	<0.3	<0.5	NA	6.82
Mar-94	NA	<50	7	<0.3	<0.3	<0.3	<0.5	NA	6.95
Jun-94	NA	<50	<5	<0.3	<0.3	<0.3	<0.6	NA	6.80
Tri-Regional Guideline	50	50	5	0.5	0.5	0.5	0.5		

* Taken from open borehole, doesn't match diesel standard

** Oil and Grease was characterized as Polar (natural occurring O&G) Non Polar
O&G was reported below detection limit of 0.5 mg/l

*** BGS = Below Ground Surface