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 3703 - 1520 7th Street, Oakland 94607

June 14, 1995

Mr. Warren Senegal
6643 Harmon Dr
Sacramento, CA 95831

Dear Mr. Senegal:

This letter confirms the completion of site investigation and remedial action for the four former underground storage tanks (two 4K, one 6K gallon gasoline tanks and a 250 gallon waste oil tank) removed from the above site on March 13, 1991.

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, Director

cc: Chief, Division of Environmental Protection
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
files (reliable.2)

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION **Date: May 18, 1995**

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: **Reliable Handi Cab**
Site facility address: **1520 7th Street, Oakland 94607**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **3703**
URF filing date: **3/4/92** SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
Reliable Handi Cab **Attn. Warren Senegal**	**6643 Harmon Dr** **Sacramento, CA 95831**	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	6,000	Gasoline	Removed	3/13/91
2	4,000	Gasoline	Removed	3/13/91
3	4,000	Gasoline	Removed	3/13/91
4	250	Waste Oil	Removed	3/13/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown**
Site characterization complete? **YES**
Date approved by oversight agency: **5/3/95**
Monitoring Wells installed? **Yes** Number: **3**
Proper screened interval? **Yes, 7-17' bgs in downgradient wells**
Highest GW depth below ground surface: **5.03'** Lowest depth: **7.94'**
Flow direction: **South**
Most sensitive current use: **Unknown**
Are drinking water wells affected? **No** Aquifer name: **Merritt Sands**
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**
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	4 USTs	Erickson, Richmond	3/13/91
Piping			
Free Product			
Soil	19.6 tons	Gibson Oil, Bakersfield	Aug 1992
Groundwater			
Rinseate	610 gallons	Demennon Kerdoon, Compton	3/12/91

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppb) Before[3]	Water (ppb) After
TPH (Gas)	ND	ND	33,000	ND
TPH (Diesel)	30[1]	NA	NA	NA
Benzene	ND	ND	630	ND
Toluene	.14[1]		4,000	ND
Ethylbenzene	.054		640	ND
Xylenes	.12		5,700	ND
Oil & Grease (TRPH)	4,900[1]	ND[2]	NA	70
Other: Cd, Cr, Pb, Ni, Zn	<10x STLCs			
Other: Cl-HC	ND			
Other: Semi-VOCs	ND			

[1]Sample from waste oil pit at 8' bgs
[2]Waste oil pit at 12' bgs, after overexcavation
[3]Grab groundwater sample from gasoline UST pit

Comments (Depth of Remediation, etc.):

See Section VII, Additional Comments, 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? **YES**
Monitoring wells Decommissioned: **None, pending site closure**
Number Decommissioned: **0** Number Retained: **3**
List enforcement actions taken: **NA**
List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

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

Signature: Eva Chu Date: 5/23/95

Reviewed by

Name: **Jennifer Eberle** Title: **Haz Mat Specialist**

Signature: Jennifer Eberle Date: 5-18-95

Name: **Amy Leech** Title: **Haz Mat Specialist**

Signature: Amy Leech Date: 5-23-95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 5/24/95 RB Response: Approved

RWQCB Staff Name: **Kevin Graves** Title: **AWRCE**

Signature: Kevin Graves Date: 6/6/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

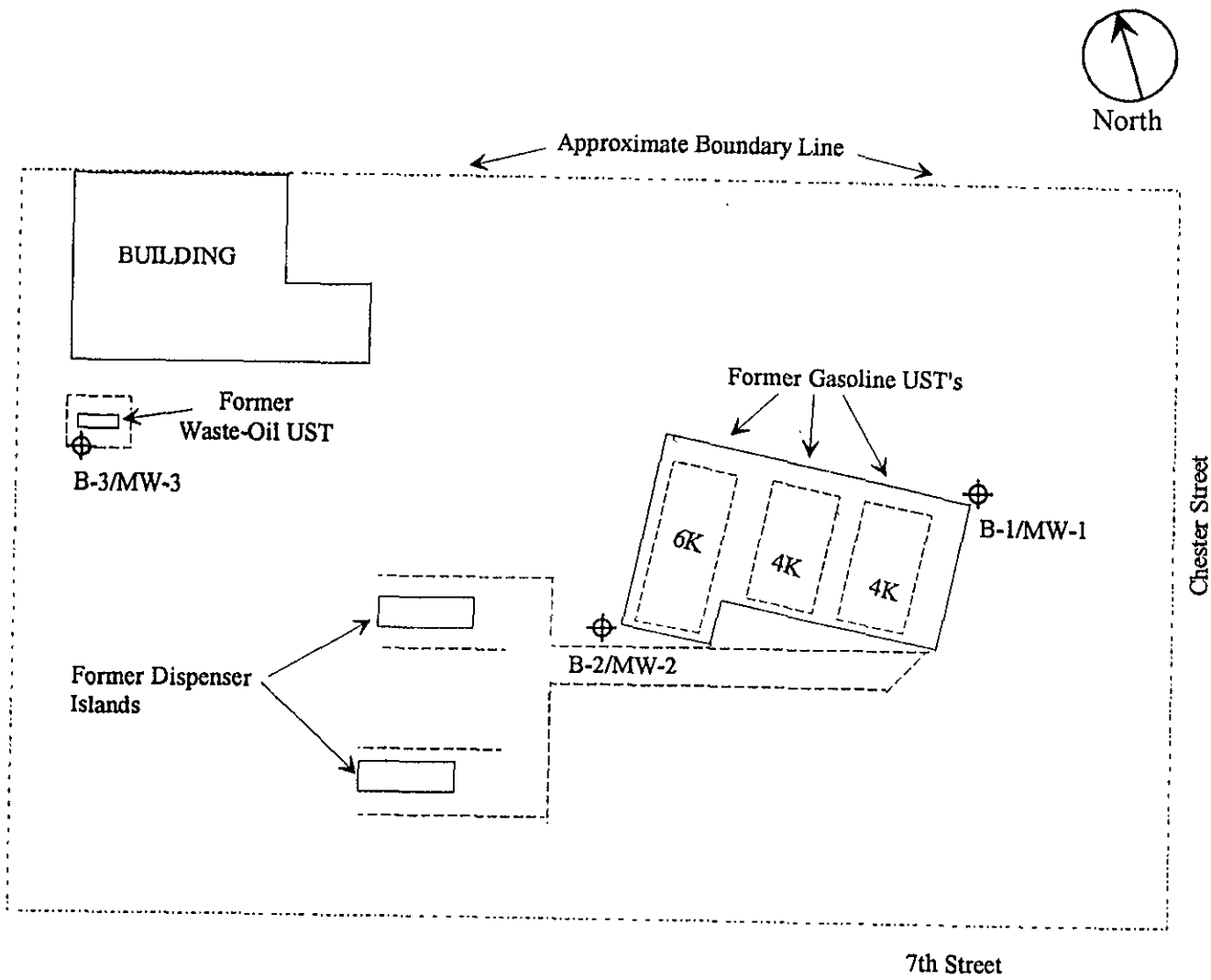
In March 1991 four USTs were removed. Three gasoline USTs were in a common pit and a waste oil UST in another pit. Six soil samples collected from the gasoline UST pit did not detect TPH-G or elevated levels of BTEX (maximum of 0.12 xylenes detected). However, a grab groundwater sample exhibited 33,000 ppb TPH-G, and 630, 4,000, 640 and 5,700 BTEX, respectively.

A soil sample collected from approximately 8' depth, beneath the waste oil tank, exhibited 30 ppm TPH-D, 4,900 ppm TOG, and low to non detect levels of BTEX. Cl-HCs (8010) and semi-volatile compounds (8270) were not detected. The 5 metal (Cd, Cr, Pb, Ni, and Zn) concentractions detected were within background levels (<10X STLC). In April 1991, the waste oil pit was overexcavated to approximately 12' depth, and a soil sample was collected for O & G analysis only. None was detected.

In June 1993 three monitoring wells were installed (2 within 10' of gasoline pit, one within 10' of waste oil pit). The wells have been sampled 4X (Jan, Aug, Oct 1993 and Feb 1994). The maximum TPH-G concentraction detected was 290 ppb. BTEX was detected once, in Aug 1993, but levels were below the MCLs. Oil and grease has been detected at 70 ppb.

Groundwater quality does not appear to be significantly impacted by the fuel release at this site. Continued groundwater sampling is not warranted.

reliable.1



LEGEND

------- = Former Product Lines

⊕ B-3/MW-3 = Soil Boring/Monitoring well locations. Dugan Assoc. 1/93

Source: Site Plan by
E & G Construction,
August 1992

20'

(Scale 1" = approximately 20')

DUGAN ASSOCIATES **1023B Martin Ave.** **Santa Clara, California**	**Generalized Site Plan** **Reliable Handi-cab** **1520 7th Street** **Oakland, California**	**FIGURE** **2**
JOB NO. 964-1		

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Reliable Handi-cab
1520 7th Street
Oakland, California

Well / Date	Sample Number	TRPH	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1							
01/27/93	W-6-MW1	<50	<50	<0.5	<0.5	<0.5	1.2
08/17/93	W-MW-1	<5,000	290	0.82	0.73	1.4	1.6
10/29/93	W-MW-1	<5,000	<50	<0.5	<0.5	<0.5	<0.5
02/11/94	W-MW-1	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-2							
01/27/93	W-6-MW2	<50	<50	<0.5	<0.5	<0.5	<0.5
08/17/93	W-MW-2	<5,000	<50	<0.5	<0.5	<0.5	<0.5
10/29/93	W-MW-2	<5,000	<50	<0.5	<0.5	<0.5	<0.5
02/11/94	W-MW-2	70	<50	<0.5	<0.5	<0.5	<0.5
MW-3							
01/27/93	W-5-MW3	<50	<50	<0.5	<0.5	<0.5	<0.5
08/17/93	W-MW-3	<5,000	<50	<0.5	<0.5	<0.5	<0.5
10/29/93	W-MW-3	<5,000	<50	<0.5	<0.5	<0.5	<0.5
02/11/94	W-MW-3	53	<50	<0.5	<0.5	<0.5	<0.5
MCLs	Oct. 1990	------	-----	1.0	-----	680	1,750
DWALs	Oct. 1990	------	-----	--.--	100	-----	------

Results in micrograms/liter (µg/l) or parts per billion (ppb)

TRPH : Total recoverable petroleum hydrocarbons as oil and grease (by GCFID Method 5520 E&F).

TPHg : Total petroleum hydrocarbons as gasoline (by GCFID Method 8015 / 5030).

Benzene, toluene, ethylbenzene, and total xylenes (by EPA Method 602).

< : Less than the detection limit for the method of analysis.