

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

ALAMEDA COUNTY CC4580  
DEPT. OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIVISION  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

October 6, 1994  
STID 3932

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. George Blandino  
Copper & Brass Sales  
5450 E. Home Avenue  
Fresno, California 93727

**RE: Copper & Brass Sales Company - 1295 67th Street,  
Emeryville, California 94608**

Dear Mr. Blandino:

This letter confirms the completion of site investigation and remedial action for the underground storage tank ( 1 - 2000 gallon diesel ) at the above described location.

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 Susan L. Hugo at (510) 567-6780 if you have any questions regarding this matter.

Sincerely,

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

Rafat A. Shahid, Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division - files  
Kevin Graves, RWQCB  
Mike Harper, SWRCB

ALCO  
HAZMAT

04 SEP 23 1994 56  
CASE CLOSURE SUMMARY  
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: September 15, 1994  
Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Parkway  
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700  
Responsible staff person: Susan Hugo Title: Sr. Hazardous Materials Spec.

II. CASE INFORMATION  
Site facility name: Copper & Brass Sales Co.  
Site facility address: 1295 67th Street, Emeryville, CA 94608  
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3932  
URF filing date: 4/9/93 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:  
Copper & Brass Sales, 5450 E. Home Ave. Fresno (209) 252-1645  
c/o George Blandino California 93727

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	2000	Diesel	Removed	12/14/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Tank leaked (holes observed during removal)  
Site characterization complete? YES  
Date approved by oversight agency: 6/22/93  
Monitoring Wells installed? YES Number: 1  
Proper screened interval? YES  
Highest GW depth below ground surface: 11.02 ft. Lowest depth: 9.79 ft.  
Flow direction: Southwest  
Most sensitive current use: Unknown  
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): NA

Report(s) on file? YES Where is report(s) filed? Alameda County  
1131 Harbor Bay Parkway  
Alameda, CA 94502

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	1-2000 gallon	Erickson -Richmond, CA	12/14/92
Piping	NA		
Free Product	NA		
Soil	90 cu yds	BFI, Livermore	4/27/93
Groundwater	NA		
Barrels	NA		



## VII. ADDITIONAL COMMENTS, DATA, ETC.

One 2000 gallon underground storage tank (used to store diesel) was removed at the referenced site on December 14, 1992. Holes were present in the tank. Soil samples collected after the removal of the tank showed the following contaminants: 300 ppm TPH gasoline, 1800 ppm TPH diesel, 0.39 ppm benzene, 0.38 ppm toluene, 2.9 ppm xylene, 1.2 ppm ethyl benzene. Overexcavation was performed in the north, south and east walls of the excavation pit. Verification soil samples showed non detect for all target compounds with the exception of TPH diesel at 13 ppm (east wall). One soil boring was placed within 10 feet east of the former tank area and samples collected at 5 and 8 feet below ground surface showed non detect for all target compounds. One monitoring well was installed within 6 feet southwest of the former tank. Groundwater flow direction was estimated using groundwater data collected at the nearby Oliver Rubber facility (approximately 600 feet southeast of the referenced site). The groundwater flow direction at Oliver Rubber is generally consistent with the estimated groundwater flow direction (southwest) based on the proximity and direction of the referenced site to the San Francisco Bay. Groundwater monitoring well was sampled for four events (7/29/93, 10/29/93, 12/30/93, & 3/29/94) and showed non detect for TPH gasoline, benzene, toluene, ethyl benzene and xylene. TPH diesel was detected one time (during the first sampling event) at 90 ppb.

Based on the data submitted for the referenced site, aggressive source removal has occurred at this site. The potential beneficial uses of the groundwater do not appear to be threatened to a significant extent from the release that occurred at the site associated with the former diesel tank.

6 7 t h      S t r e e t

Sidewalk

⊗ B-1

⊕ MW-1

Excavation Area

Loading Dock

Neighboring Building

Site Building

EXPLANATION

⊗ Soil Boring

⊕ Monitoring Well



Scale: 1" = 30'

Base Map Source: KTW Associates

Figure 2: Site Map Showing Soil Boring and Monitoring Well Locations

**TABLE 1**

**SUMMARY OF FUEL HYDROCARBONS IN  
SOIL SAMPLES (ppm)  
1295 67th Street, Emeryville, California**

Sample Location	Sample Date	TPHd	TPHg	B	T	E	X
West End	12/14/92	42	6.5	<0.005	<0.005	<0.005	<0.005
East End	12/14/92	1,800	300	0.39	0.38	1.2	2.9
West Wall	2/11/93	<10	<1	<0.003	<0.003	<0.003	<0.003
East Wall	2/11/93	13	<1	<0.003	<0.003	<0.003	<0.003
North Wall	2/11/93	<10	<1	<0.003	<0.003	<0.003	<0.003
South Wall	2/11/93	<10	<1	<0.003	<0.003	<0.003	<0.003
Boring B-1	7/16/93	<1.0	<0.2	<0.005	<0.005	<0.005	<0.005

**Notes:**

Excavation end samples collected by KTW and analyzed by McCampbell Analytical.  
Excavation wall samples collected by Riedel Environmental Services and analyzed by Superior Precision Analytical.

Boring B-1 sample collected by Azure Environmental and analyzed by American Environmental Network (AEN)

ppm = parts per million

**B** - Benzene

**T** - Toluene

**E** - Ethylbenzene

**X** - Xylenes

**TPHd** - Total Petroleum Hydrocarbons as Diesel

**TPHg** - Total Petroleum Hydrocarbons as Gasoline

**TABLE 2**

**CUMULATIVE SUMMARY OF GROUND-WATER  
SAMPLE ANALYSIS RESULTS (ppm)  
1295 67th Street, Emeryville, California**

Well Number	Sample Date	TPHd	TPHg	B	T	E	X
MW-1	7/29/93	0.09	<0.05	<0.0005	<0.0005	<0.0005	<0.002
	10/29/93	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.002
	12/30/93	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.002
	3/29/94	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.002

**Notes:**

- ppm - parts per million
- Samples analyzed by American Environmental Network, Pleasant Hill, California; Laboratory certificates are included in report Appendix B.

**B** - Benzene  
**T** - Toluene  
**E** - Ethylbenzene  
**X** - Total Xylenes

**TPHd** - Total Petroleum Hydrocarbons as Diesel  
**TPHg** - Total Petroleum Hydrocarbons as Gasoline

**TABLE 3**

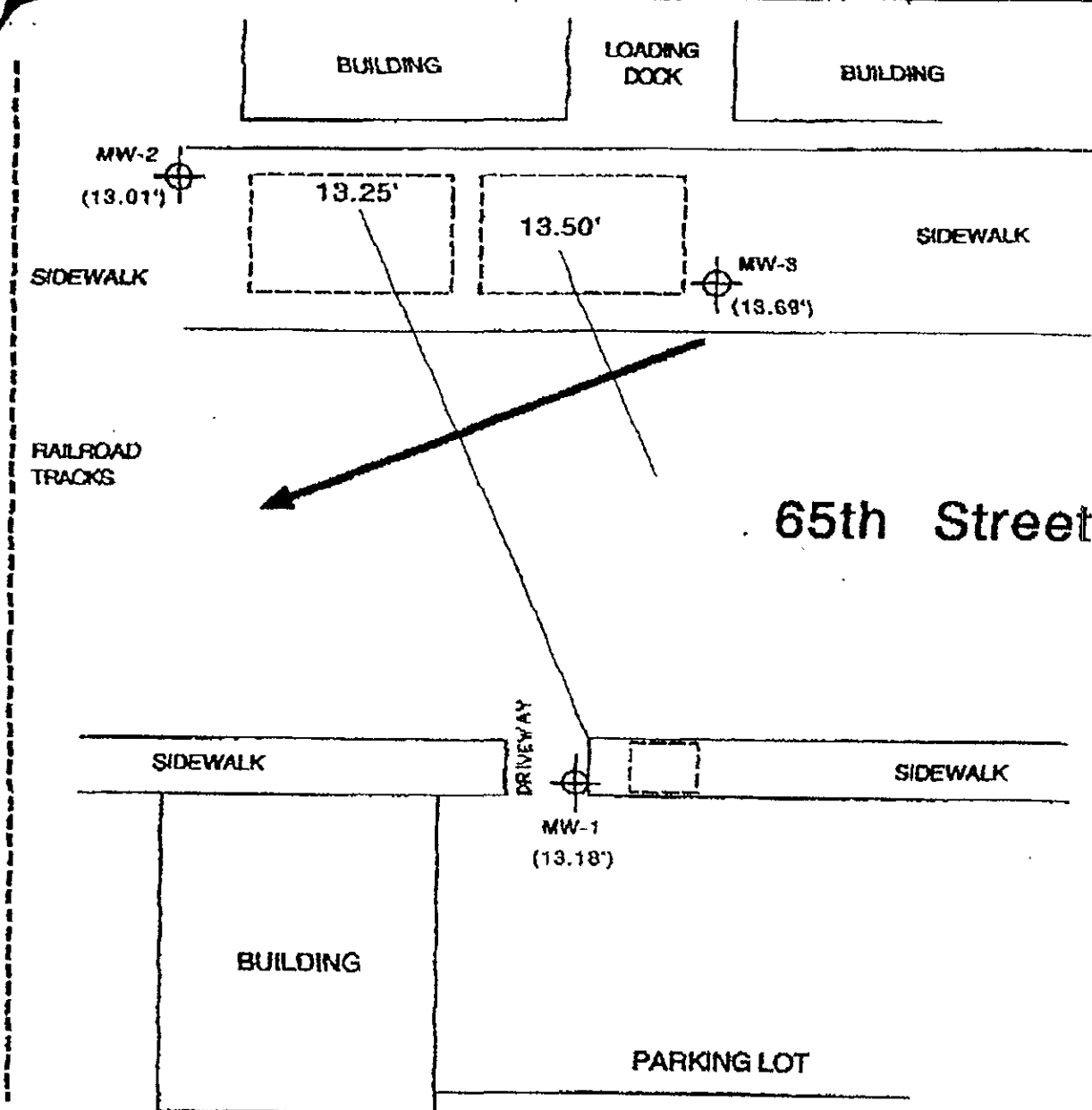
**CUMULATIVE SUMMARY OF  
GROUND-WATER ELEVATION DATA  
1295 67th Street, Emeryville, California**

Well Number	Well Elevation	Date Measured	Depth to Ground Water	Ground-Water Elevation
MW-1	28.52	7/29/93	10.70	17.82
		10/29/93	11.02	17.50
		12/30/93	10.21	18.31
		3/29/94	9.79	18.73




**Notes:**

- Depth to ground water measured in feet
- Elevations measured relative to mean sea level (MSL)





**LEGEND**

-  MW-1  
Monitoring well with groundwater elevation referenced to project datum
-  Groundwater elevation contour, approximately located
-  Groundwater flow direction

0 ft.  20 ft.  
**SCALE**

**GROUNDWATER ELEVATION  
CONTOUR MAP (7/14/83)**

Oliver Rubber  
1200 65th Street  
Emeryville, California

Aqua Science Engineers | Figure 3