

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 7, 1994
STID 3807

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

Attn: Daniel Shapiro
Dina Samuely Trust
c/o SOH Associates
303-2nd St.
San Francisco CA 94107

SUBJECT: **Case Closure**
Nor-Cal Metal Fabricators
114 Adeline St.
Oakland CA 94607

Dear Mr. Shapiro,

This letter confirms the completion of site investigation and remedial action for the 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 Jennifer Eberle a call at (510) 271-4530.

Very truly yours,

A handwritten signature in black ink that reads "Rafat A. Shahid".

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division/files
Rich Hiett, RWQCB
Mike Harper, SWRCB
Robert Hall, Nor-Cal Metal Fabricators, 1121-3rd St.,
Oakland CA 94607
Marc Morton, Harding Lawson Associates, 160 Spear St.,
Suite 1560, San Francisco CA 94105
Jennifer Eberle

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LOP\Completion

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 12/3/93

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

II. CASE INFORMATION

Site facility name: **Nor-Cal Metal Fabricators**
Site facility address: **114 Adeline St.**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **3807**
URF filing date: **12/24/93** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
1) Robert Hall,	Nor-Cal Metal Fabricators, 1121-3rd St., Oakland CA 94607	415-836-1451
2) Daniel Shapiro,	Dina Samuely Trust, c/o SOH Associates, 303-2nd St., Suite 305, San Francisco CA 94107	

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	4,000	gasoline	removed	8/30/90

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: possibly due to holes on tank bottom

Site characterization complete? YES

Date approved by oversight agency:

Monitoring Wells installed? YES Number: one

Proper screened interval? YES

Highest GW depth below ground surface: 7.13 ft below top of casing (BTOC)

Lowest depth: 8.17 ft below top of casing (BTOC)

Flow direction: presumed south

Most sensitive current use: site is occupied by a brick building

Are drinking water wells affected? NO Aquifer name: Merritt

Is surface water affected? NO evidence Nearest affected SW name:

Off-site beneficial use impacts (addresses/locations): unknown

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	3090 lb.	disposed at Erickson	8/30/90
Piping			
Free Product			
Soil	unknown amt;	disposal to landfill on W. Winton Rd. in Hayward	
	approx. May 1991		
Groundwater			
Barrels			

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppm)	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)				
TPH (Diesel)				
Benzene				
Toluene				
Xylene				
Ethylbenzene				
Oil & Grease				
Heavy metals				

SEE COMMENTS BELOW

Comments (Depth of Remediation, etc.): During tank removal, the two soil samples taken below the UST were ND for TPHg and benzene; lead concentrations were below ten times the STLC. The stockpile composite sample was also ND for TPHg and benzene; however, this sample contained 100 ppm total lead. There were low concentrations of toluene, ethylbenzene, and xylene below the UST and in the stockpiled soils. Water sampled from the pit had 470 ppb TPHg, .63 ppb benzene, low concentrations of toluene, ethylbenzene, and xylene, and 100 ppm lead. {Note that there was a high solid content in the water sample; the laboratory had to analyze this sample as a sludge; therefore, the lead is reported in ppm as total lead.}

One monitoring well was installed in November 1992 and monitored for four consecutive quarters. Results indicate ND concentrations for TPHg, BTEX, and soluble lead. The well was installed in the presumed downgradient direction. The groundwater flow direction had been established as southerly at a nearby site (330 Chestnut St.), located within a block from Nor-Cal. This is consistent with regional groundwater flow direction.

