

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

October 16, 1996

STID 4537

REMEDIAL ACTION COMPLETION CERTIFICATION

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

Mr. Don Forster  
Metal Mending Company  
1625 Industrial Drive  
Auburn, CA 95603

Mr. Steve Morar  
The Z Surgeon  
870 Estabrook Street  
San Leandro, CA 94577

RE: METAL MENDING, 868 ESTABROOK STREET, SAN LEANDRO

Dear Messrs. Forster and Morar:

This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, including current land use, 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 storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e). If changes in land use, structural configuration, or site activities are proposed such that more conservative exposure scenarios should be evaluated, the owner must promptly notify this agency.

Please contact Scott Seery at (510) 567-6783 if you have any questions regarding this matter.

Sincerely,

  
Mee Ling Tung  
Director of Environmental Health Services

enclosure

Messrs. Forster and Morar  
RE: 868 Estabrook St., San Leandro  
October 16, 1996  
Page 2 of 2

cc: Gordon Coleman, Acting Chief, Env. Protection Division  
Kevin Graves, RWQCB  
Lori Casias, SWRCB  
Mike Bakaldin, San Leandro Hazardous Materials Program  
files/SOS

ENVIRONMENTAL  
PROTECTION

96 SEP 30 PM 3:02

CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 08/06/96

Agency name: Alameda County-EPD Address: 1131 Harbor Bay Pkwy #250  
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700  
Responsible staff person: Scott Seery Title: Sr. Haz. Materials Spec.

II. CASE INFORMATION

Site facility name: Metal Mending  
Site facility address: 868 Estabrook, san Leandro 94577  
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 4537  
URF filing date: 09/11/90 SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Don Forster Metal Mending Co.	1625 Industrial Drive Auburn, CA 95603	(916) 888-0353
Steve and Adele Morar The Z Surgeon, Inc.	870 Estabrook St. San Leandro, CA 94577	(510) 895-2940

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	1000	gasoline	removed	09/04/90

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: UNK

Site characterization complete? YES

Date approved by oversight agency: 8/6/96

Monitoring Wells installed? YES Number: 1

Proper screened interval? YES

Highest GW depth below ground surface: 18.75' Lowest depth: 20.15'

Flow direction: UNK

Most sensitive current use: light industrial

Are drinking water wells affected? NO Aquifer name: San Leandro Cone

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

Off-site beneficial use impacts (addresses/locations): NONE

- SIGNED  
COPY-

01-216A

## Leaking Underground Fuel Storage Tank Program

## III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

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

## Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> <u>of Disposal w/destination)</u>	<u>Date</u>
Tank	1000 gal.	<u>Disposal</u> - Erickson, Inc.	09/04/90
Piping	UNK		
Free Product	NA		
Soil	40 yds <sup>3</sup>	<u>Disposal</u> - BFI Vasco Rd LF	10/31/90
Groundwater	NA		
Barrels	"		

## 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)	51	NA	130	ND
TPH (Diesel)	NA	"	NA	NA
Benzene	ND	"	2.2	ND
Toluene	"	"	5.2	"
Xylene	"	"	9.5	"
Ethylbenzene	"	"	1.9	"
Oil & Grease	NA	"	NA	NA
Heavy metals	"	"	"	"
Other	"	"	"	"

## Comments (Depth of Remediation, etc.):

No final closure report was issued following the September 4, 1990 removal of this 1000 gallon gasoline UST. However, an accounting of the activities associated with and results of this project has been assembled from various sources familiar with this case.

It has been reported that the subject UST had not been used for at least 12 years prior to its 1990 removal. Although the tank appeared sound and soil exposed within the UST pit lacked visible product staining, strong fuel odors were noted in both the excavated backfill and tank pit during removal activities. Two (2) soil samples were collected from the base of the excavation. Only 51 ppm TPH-G was detected in one of the two samples. BTEX were not detected in either sample.

Excavated soil was reportedly aerated on-site for a limited period of time. Stockpiled soil (~ 40 yds<sup>3</sup>) was eventually transported to BFI Vasco Rd. landfill, Livermore, CA, for disposal. The tank pit was restored to grade with clean import material.

Leaking Underground Fuel Storage Tank Program

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Undetermined

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Undetermined

Does corrective action protect public health for current land use? YES  
Site management requirements: NA

Should corrective action be reviewed if land use changes? YES

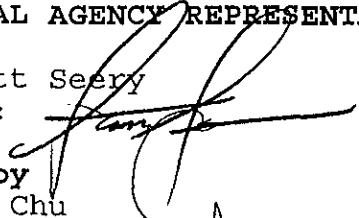
Monitoring wells Decommissioned: NO

Number Decommissioned: NONE                      Number Retained: 1 (pending case closure)


List enforcement actions taken: NONE

List enforcement actions rescinded: NONE



V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Scott Seery                                      Title: Sr. Haz Mat Specialist  
Signature:                       Date: 8/21/96

Reviewed by  
Name: Eva Chu    Title: Haz Mat Specialist  
Signature:                       Date: 8/17/96

Name: Tom Peacock                                      Title: Supervising Haz Mat Specialist  
Signature:                       Date: 8-21-96

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/21/96                      RB Response:   
RWQCB Staff Name: Kevin Graves                      Title: San. Eng. Assoc.                      Date: 9/16/96  


VII. ADDITIONAL COMMENTS, DATA, ETC.

A single well (GA-1) was installed adjacent to the removed UST during February 1991. The borehole was drilled to a reported depth of 35' BG. GW was reportedly encountered at an approximate depth of 28' BG, stabilizing in the completed well at 20' BG.

Leaking Underground Fuel Storage Tank Program

Although soil samples were reportedly collected at standard intervals (i.e., every 5') during boring advancement, none were retained for laboratory analysis. It is reported, however, that soil was screened in the field during drilling using a PID equipped with a 10 eV lamp with no apparent meter deflection.

Initial (02/11/91) GW samples revealed the presence of detectable concentrations of fuel HCs (e.g., 2.2 ug/l benzene). Subsequent sampling events, which occurred during June, July and November 1991, failed to identify detectable concentrations of fuel HCs in sampled GW.



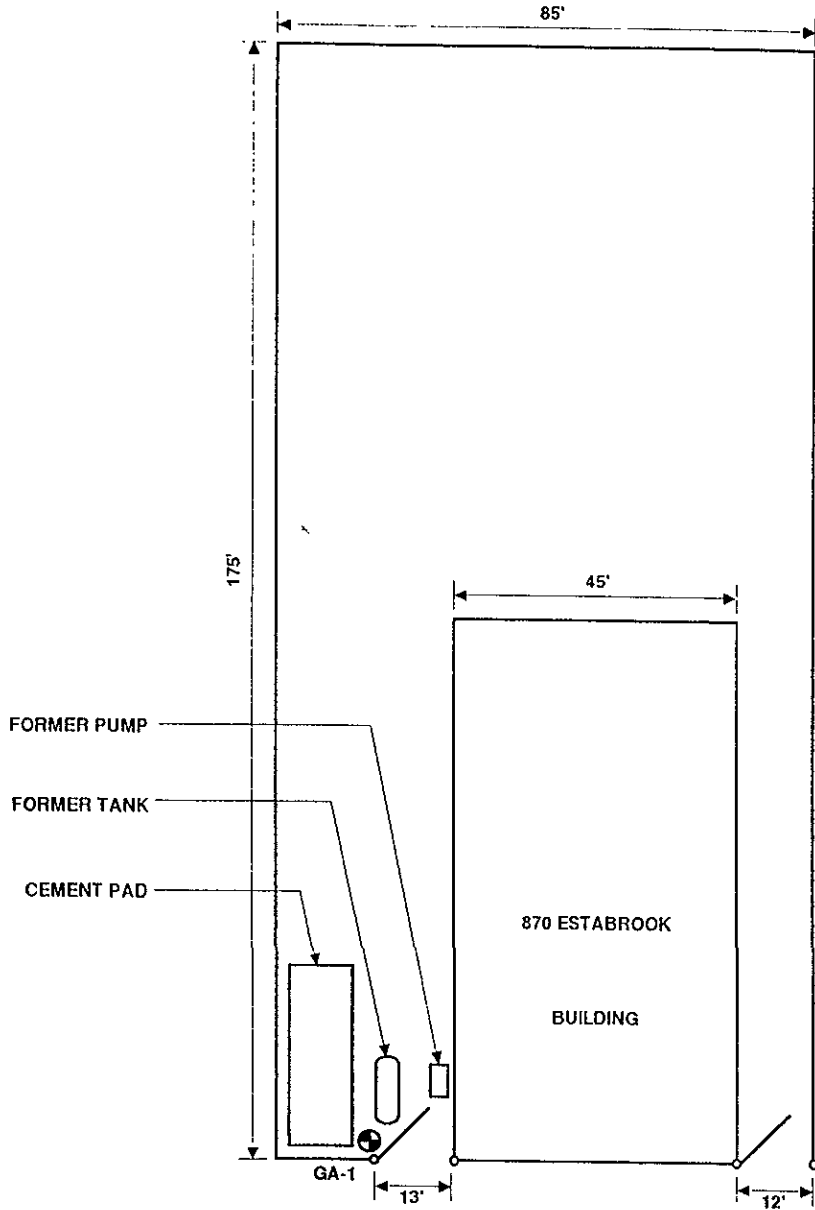
Job No	913-7039	Scale	1" : 4260'
Drawn	DVR	Date	Mar 1991
Checked	RLZ	Dwg No	OAK0000804

**REGIONAL LOCATION MAP**

**Golder Associates Inc.**

Z SURGEON FACILITY/WELL INSTALL/CA

FIGURE



⊕ GA-1 Well Borehole number and location.

Note : Locations and dimensions are approximate.

Job No	913-7039	Scale	NTS	<b>SITE LOCATION MAP</b>
Drawn	DVR	Date	Mar 1991	
Checked	RLZ	Dwg No.	OAK0000805	
<b>Golder Associates Inc.</b>			Z SURGEON FACILITY/WELL INSTALL/CA	FIGURE <b>2</b>



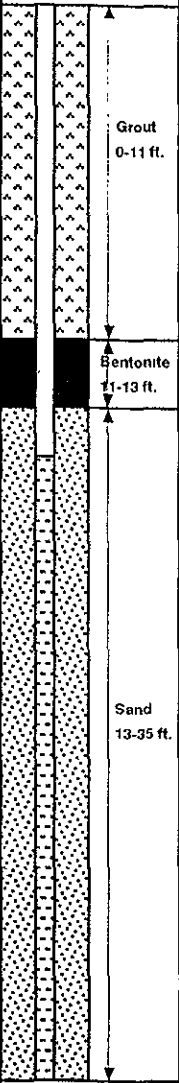
# RECORD OF BOREHOLE # GA-1

STA. GA-1                      OFFSET    L    R  
 PROJECT NO. 903-7039  
 INCLINATION 90°                      AZIMUTH    NA

ELEVATION  
 DRILLING DATE 2/8/91

SHEET 1 OF 1  
 DATUM MSL  
 DRILL RIG Mobile Drill B53

DEPTH SCALE (FEET)	BORING METHOD	SOIL PROFILE	GRAPHIC LOG	SAMPLES				SAMPLE DESCRIPTION	NOTES
		SOIL PROFILE DESCRIPTION		USCS	NUMBER	TYPE	BLOWS/6 IN.		RECOVERY
0		Asphalt, 2 inches							
		Stiff, black silty (10YR 2/1), massive, silty CLAY, little coarse sand, (FILL). Trace of broken brick, upper 2 feet. Moist.					8/17/24	Sample GA-1.1	Moist to slightly.
5							7/10/13	No recovery.	Moist to slightly.
		Medium dense, dark yellowish brown (10YR 4/4), massive, slightly moist, fine and medium SAND.	SP				7/12/13	Sample GA-1.2	
10		Very stiff, very dark grayish brown (10YR 3/3), massive, slightly moist, silty CLAY, trace fine sand.					7/10/15	Sample GA-1.3	
15		Color change to dark yellowish brown (10YR 4/4).	CL				5/10/15	Sample GA-1.4	
20		Color change to very dark grayish brown (10YR 3/2).					6/9/14	Sample GA-1.5	2/12/91
25		Very stiff, mottled, dark yellowish brown (10YR 4/4) and grayish brown (10YR 5/2), massive, slightly moist, silty CLAY, some fine sand.	CL				8/15/20	Sample GA-1.6	
30		Very stiff, mottled, dark yellowish brown (10YR 4/4) and grayish brown (10YR 5/2), massive, moist medium SAND, .	SP				7/17/19	Sample GA-1.7	2/8/91
35		Very stiff, brown (10YR 4/5), massive, moist silty to very fine CLAY. TDH = 35.0 ft.	CL				9/12/19	Sample GA-1.8	
40									



- Blank PVC
- 0.020 inch Slotted Well Screen
- During drilling
- After drilling

DEPTH SCALE 1 in = 5 ft.  
 DRILLING CONTRACTOR PC Exploration  
 DRILLER Brad Johnson



LOGGED BY R. Zepeda  
 CHECKED D. West  
 DATE 3/6/91

Table 2  
 Summary of Groundwater  
 Total Petroleum Hydrocarbon  
 And BTEX Analyses

Parameters	Reporting limit $\mu\text{g/L}$	Concentration			
		February 21, 1991	June 4, 1991	July 30, 1991	November 1, 1991
TPH-Gasoline	50	130	ND	ND	ND
Benzene	0.5	2.2	ND	ND	ND
Toluene	0.5	5.2	ND	ND	ND
Ethylbenzene	0.5	1.9	ND	ND	ND
Xylenes	0.5	9.5	ND	ND	ND

Notes:

1. All concentrations are  $\mu\text{g/L}$ .
2. ND - Not detected at or above laboratory reporting limit.
3. Laboratory analysis by Anametrix, Inc., San Jose, California.

Table 1  
Depth to Groundwater  
At Time of Sampling

February 12, 1991	June 4, 1991	July 30, 1991	November 1, 1991
20.15	18.75	19.35	19.05
Notes: All depths are measured in feet below PVC.			