ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

March 8, 1995
StID # 562

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Ralph Mazzie
30545 Hoylake St.
Hayward CA 94544

RE: Mauck Sheet Metal, 755 Independent Rd., Oakland 94621

Dear Mr. Mazzie:

This letter confirms the completion of site investigation and remedial action for the one 550 gallon gasoline underground storage tank at the above described location.

Based upon the available information and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the undeground tank release is required.

This notice is issued pursuant to the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Rafat A. Shahid
Assistant Agency Director

c: G. Coleman, Acting Chief, Hazardous Materials Division-files
Kevin Graves, RWQCB
Mike Harper, SWRCB

RACC755

ENVIRONMENTAL PROTECTION

95 MAR -7 PM 2:07

# CASE CLOSURE SUMMARY
## Leaking Underground Fuel Storage Tank Program

**I. AGENCY INFORMATION** **Date: February 22, 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: **Mauck Sheet Metal**
Site facility address: **755 Independent Rd, Oakland 94621**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **562**
URF filing date: **5/20/92** SWEEPS No: **N/A**

| Responsible Parties: | Addresses: | Phone Numbers: |
|---|---|---|
| Ralph Mazzie | 30545 Hoylake St, Hayward 94544 | |

| Tank No: | Size in gal.: | Contents: | Closed in-place or removed?: | Date: |
|---|---|---|---|---|
| 1 | 550 | Gasoline | Removed | 5/6/92 |

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: **Unknown**
Site characterization complete? **YES**
Date approved by oversight agency: **12/9/94**
Monitoring Wells installed? **Yes** Number: **1**
Proper screened interval? **Yes, 3.5 to 20.5' bgs**
Highest GW depth below ground surface: **12'** Lowest depth: **12'**
Flow direction: **W, SW assumed regional flow direction**
Most sensitive current use: **Light industry**
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:**

| Material | Amount (include units) | Action (Treatment or Disposal w/destination) | Date |
|---|---|---|---|
| Tank | 1 UST | Disposed by Erickson | 5/6/92 |
| Piping | 10 feet | Disposed by Erickson | 5/6/92 |
| Free Product | | | |
| Soil | Excavated soil reused onsite | | |
| Groundwater | | | |
| Barrels | | | |

**Maximum Documented Contaminant Concentrations - - Before and After Cleanup**

| Contaminant | Soil (ppm) Before | Soil (ppm) After | Water (ppb) Before* | Water (ppb) After |
|---|---|---|---|---|
| TPH (Gas) | 8.3 | 8.3 | 22,000 | ND |
| TPH (Diesel) | | | | |
| Benzene | ND | ND | 38 | ND |
| Toluene | .009 | .009 | 360 | ND |
| Ethylbenzene | .015 | .015 | 250 | ND |
| Xylenes | .088 | .088 | 3,500 | ND |
| Oil & Grease | | | | |
| Heavy metals | | | | |
| Other | | | | |

*** grab groundwater sample**

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

**Initial soil sample was collected 8' bgs. No overexcavation was performed at this site.**

## 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: **1**
List enforcement actions taken: **NOV issued 2/25/94 for not submitting WP**

List enforcement actions rescinded: **NOV rescinded, in compliance**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: [signature] Date: 2/22/95

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature: [signature] Date: 2/22/95

Name: Amy Leech Title: Haz Mat Specialist

Signature: [signature] Date: 02/22/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 2/23/95 RB Response: Approved

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: [signature] Date: 3/1/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

When a 550 gallon gasoline UST was removed in May 1992, a sidewall soil sample collected at approximately 8' bgs from the east end of the excavation exhibited 8.3 ppm TPH-G and ND, .009, .015, and .088 ppm BTEX, respectively. However, a grab groundwater sample collected from the pit exhibited 22,000 ppb TPH-G, 38, 360, 250, and 3,500 ppb BTEX, respectively. The excavated soil exhibited 17 ppm TPH-G and .02 ppm xylenes. This soil was resampled in May 1994 and did not detect TPH-G or BTEX, and was re-used onsite.

On May 27, 1994 a monitoring well was installed southwest of the former tank pit, in the assumed downgradient direction. The well was developed and sampled on the June 1, 1994. The well was developed by alternatively surging with a bailer, then purging with a pump. The well dewatered and was allowed to recharge before a groundwater sample was collected. Laboratory analysis did not detect TPH-G or BTEX above the detection limits. Groundwater was subsequently sampled again on June 5 and July 20, 1994 and analyzed for total coliform bacteria or TCB (23 cells/100ml), conductivity (1,500 umhos/cm), and total dissolved solids (420 mg/L).

It does not appear groundwater has been impacted by the fuel release at this site. And, since water is not considered potable with the high TCB (DHS drinking water standard for TCB is 1 cell/100ml), additional groundwater sampling/monitoring is not warranted.

mauck.1

# GETTLER-RYAN INC.

General and Environmental Contractors

WELL SAMPLING
FIELD DATA SHEET

COMPANY Ralph Mazzic Property JOB # 6137.02

LOCATION 755 Independent Rd DATE 6-1-94

CITY Oakland CA TIME

Well ID. MW-1 Well Condition Okay

Well Diameter 2" in. Hydrocarbon Thickness — ft.

Total Depth 19.87' ft.

Depth to Liquid- 4.71 ft.

| Volume Factor (VF) | | | |
|---|---|---|---|
| | 2" = 0.17 | 6" = 1.50 | 12" = 5.80 |
| | 3" = 0.38 | 8" = 2.60 | |
| | 4" = 0.66 | 10" = 4.10 | |

(# of casing volumes) 5 x 15.46 x(VF) 0.17 = (Estimated Purge Volume) 2.6 (13) gal.

Purging Equipment Bailer

Sampling Equipment Bailer

Starting Time 16:05 Purging Flow Rate gpm.

(Estimated Purge Volume) gal. / (Purging Flow Rate) gpm. = (Anticipated Purging Time) min.

| Time | pH | Conductivity | Temperature | Volume |
|---|---|---|---|---|
| 16:05 | 7.46 | 2320 | 65.7 | 3 |
| 16:15 | 7.48 | 2320 | 65.7 | 6 |
| 16:25 | 7.48 | 2350 | 65.8 | 9 |
| ~~16:3~~ 17:00 | 7.47 | 2340 | 65.8 | 10 |
| | | | | |

Did well dewater? Yes If yes, time Volume

Sampling Time 17:00 Weather Conditions

Analysis Gas BTXE Bottles Used

Chain of Custody Number

COMMENTS Well draws down to 6" Recovers to 6' in 10 minutes
~~Purge~~ Drawn down to 6" in 2 gals.

FOREMAN F. Cline ASSISTANT