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

RAFAT A. SHAHID, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

# REMEDIAL ACTION COMPLETION CERTIFICATION

**StID 1359 - 20478 Mission Blvd, Hayward, CA 94541**

July 14, 1995

Mr. R. H. Peterson
22153 N. 6th Street
Castro Valley, CA 94546

Dear Mr. Peterson:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank (8K gasoline tank) removed from the above site on June 20, 1990. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, including the 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 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

Rafat A. Shahid, Director

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

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

**I. AGENCY INFORMATION** **Date: June 27, 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: **Peterson Metal Manufacturing**
Site facility address: **20478 Mission Blvd, Hayward 94541**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **1359**
URF filing date: **12/21/90** SWEEPS No: **N/A**

| Responsible Parties: | Addresses: | Phone Numbers: |
|---|---|---|
| 1. R. H. Peterson E.W. & Uldone Trust | 22153 N. 6th Street, Castro Valley | 94546 |
| 2. Peterson Metal Fabricating | 20478 Mission Blvd, Hayward | 94541 |

| Tank No: | Size in gal.: | Contents: | Closed in-place or removed?: | Date: |
|---|---|---|---|---|
| 1 | 8,000 | Unl Gasoline | Removed | 6/20/90 |

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: **Leaking dispenser**
Site characterization complete? **YES**
Date approved by oversight agency: **8/13/91**
Monitoring Wells installed? **No** Number:
Proper screened interval? **NA**
Highest GW depth below ground surface: **NA** Lowest depth: **NA**
Flow direction: **NA**
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): **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 | H & H in San Francisco | 6/20/90? |
| Piping | | | |
| Free Product | | | |
| Soil | 5 cy | Vasco Rd L.F. in Livermore | Unknown |
| Groundwater | | | |
| Barrels | | | |

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

| Contaminant | Soil (ppm) Before[1] | Soil (ppm) After | Water (ppb) Before[2] | Water (ppb) After |
|---|---|---|---|---|
| TPH (Gas) | 15,000 | 4.9 | 90 | |
| TPH (Diesel) | | | | |
| Benzene | ND | .005 | 1.7 | |
| Toluene | 140 | .039 | ND | |
| Ethylbenzene | 220 | ND | ND | |
| Xylenes | 2,100 | .073 | ND | |
| Oil & Grease | | | | |
| Heavy metals | | | | |
| Other | | | | |

NOTE: 1 Soil sample from beneath dispenser
2 Grab groundwater sample at 41' bgs beneath dispenser

**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: **NA**
Number Decommissioned: **NA** Number Retained: **NA**
List enforcement actions taken: **None**

List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: Eva Chu Date: 6/28/95

Reviewed by

Name: Amy Leech Title: Haz Mat Specialist

Signature: Amy Leech Date: 6/27/95

Name: Juliet Shin Title: Sr. Haz Mat Specialist

Signature: Juliet Shin Date: 6/28/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/29/95 RB Response: Approved

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: Kevin Graves Date: 7/10/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

An 8K gasoline UST was removed in June 20, 1990. No visible holes and no soil contamination was noted in the tank/pit excavation. One soil sample was collected at 10' depth from beneath the fill end of the tank. TPH-G and BTEX were not detected. Overburden (which was not sampled) and clean pea gravel were used to immediately backfill the pit.

Soil samples were also collected one foot beneath a piping elbow and one foot below the product dispenser. Up to 15,000 ppm TPH-G and ND, 140, 220, and 2,100 ppm BTEX, respectively were detected from beneath the dispenser. The dispenser area was overexcavated, removing approximately 5 cy soil. Four sidewall and one pit bottom samples were collected at 5' depth. Trace to ND levels of TPH-G and BTEX were detected. The 5 cy was aerated and sampled. Up to .011, .006, and .043 ppm TEX, respectively, were detected.

In August 1991 three soil borings, B-2 thru B-4, were advanced around the former dispenser. Soil samples were collected at 5 and 10' depths and analyzed for TPH-G and BTEX. None was detected. One of the borings was advanced to first encountered groundwater, at approximately 41' bgs. Clay soils with minor sandy stringers were observed to 40' bgs, becoming gravelly at 40'. A grab groundwater sample detected 90 ppb TPH-G and 1.7 ppb benzene. One boring, B-1, was emplaced in the former tank pit. A soil sample collected at 12' depth did not detect TPH-G or BTEX.

Soil excavation around the dispenser appears to have removed all impacted soil. The potential for hydrocarbons to migrate through 40' of medium plastic clay to impact groundwater is minimal. Low levels of TPH-G and benzene detected in a grab groundwater sample at 41' bgs may or may not be attributed to the leaking dispenser. Regardless, the concentrations detected are not significant. Permanent monitoring wells are not warranted.

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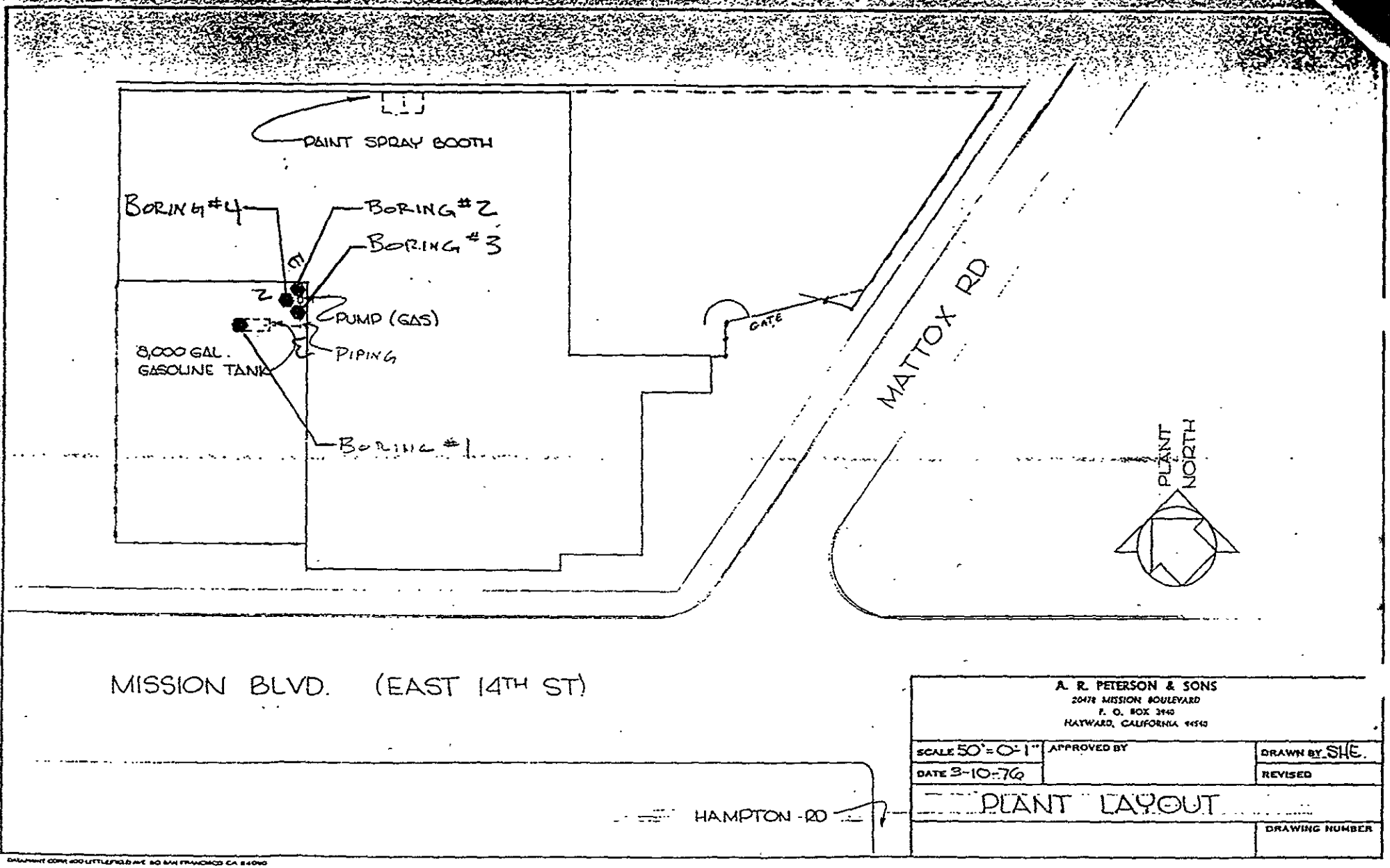


A. R. PETERSON & SONS
20478 MISSION BOULEVARD
P. O. BOX 3940
HAYWARD, CALIFORNIA 94540

| | | |
|---|---|---|
| SCALE 50'=0-1" | APPROVED BY | DRAWN BY SHE. |
| DATE 3-10-76 | | REVISED |
| PLANT LAYOUT | | |
| | | DRAWING NUMBER |