

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

Alameda County
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
(510) 567-6700

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 1256 - 7099 Amador Plaza Road, Dublin, CA 94568

January 4, 1996

Mr. Ken Harvey
Dublin Honda
7099 Amador Plaza Road
Dublin, CA 94568

Dear Mr. Harvey:

This letter confirms the completion of site investigation and remedial action for the former 500 gallon waste oil underground storage tank removed from the above site on October 1, 1991. 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,

Jun Makishima, Interim Director

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

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CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: November 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: Dublin Honda
 Site facility address: 7099 Amador Plaza Road, Dublin 94568
 RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 1256
 URF filing date: 10/17/95 SWEEPS No: N/A

| <u>Responsible Parties:</u> | <u>Addresses:</u> | <u>Phone Numbers:</u> |
|--------------------------------|------------------------------------|-----------------------|
| Dublin Honda c/o Ken Harvey | 7099 Amador Plaza Rd, Dublin 94568 | 510/828-8030 |

| <u>Tank No:</u> | <u>Size in gal.:</u> | <u>Contents:</u> | <u>Closed in-place or removed?:</u> | <u>Date:</u> |
|-----------------|----------------------|------------------|-------------------------------------|--------------|
| 1 | 500 | Waste Oil | Removed | 10/1/91 |

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
 Site characterization complete? YES
 Date approved by oversight agency: 10/12/95
 Monitoring Wells installed? No Number:
 Proper screened interval? NA
 Highest GW depth below ground surface: Lowest depth: NA
 Flow direction: NA
 Most sensitive current use: Commercial
 Are drinking water wells affected? No Aquifer name: NA
 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:

| <u>Material</u> | <u>Amount (include units)</u> | <u>Action (Treatment or Disposal w/destination)</u> | <u>Date</u> |
|-----------------|-----------------------------------|---|-------------|
| Tank & Piping | 1 UST | Erickson, in Richmond | 10/1/91 |
| Soil | 54 cy | Redwood L.F. in Novato | 2/22/94 |

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) | 82 | ND | | |
| TPH (Diesel) | ND | | | |
| Benzene | 0.023 | ND | | |
| Toluene | 0.011 | 0.007 | | |
| Ethylbenzene | 0.130 | ND | | |
| Xylenes | 0.67 | 0.018 | | |
| Oil & Grease | 2,700 | 97 | | |
| Heavy metals Cd, Cr, Pb, Ni, Zn | | <10X STLC | | |
| Other PCE | 0.085 | ND | | |
| dichloromethane | ND | 0.052 | | |

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? **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: **None**

Should corrective action be reviewed if land use changes? **YES**

Monitoring wells Decommissioned: **NA**

Number Decommissioned: Number Retained: **NA**

List enforcement actions taken: **NOVs issued 12/4/92; 11/2/93**

List enforcement actions rescinded: **Above NOVs, overexcavation performed**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 11/29/95

Reviewed by

Name: Juliet Shin Title: Sr Haz Mat Specialist

Signature: *Juliet Shin* Date: 11/28/95

Name: Barney Chan Title: Haz Mat Specialist

Signature: *Barney Chan* Date: 11/27/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 11/29/95 RB Response: *Approved*

RWQCB Staff Name: Kevin Graves Title: AWRCE

Signature: *Kevin Graves* Date: 12/27/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

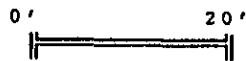
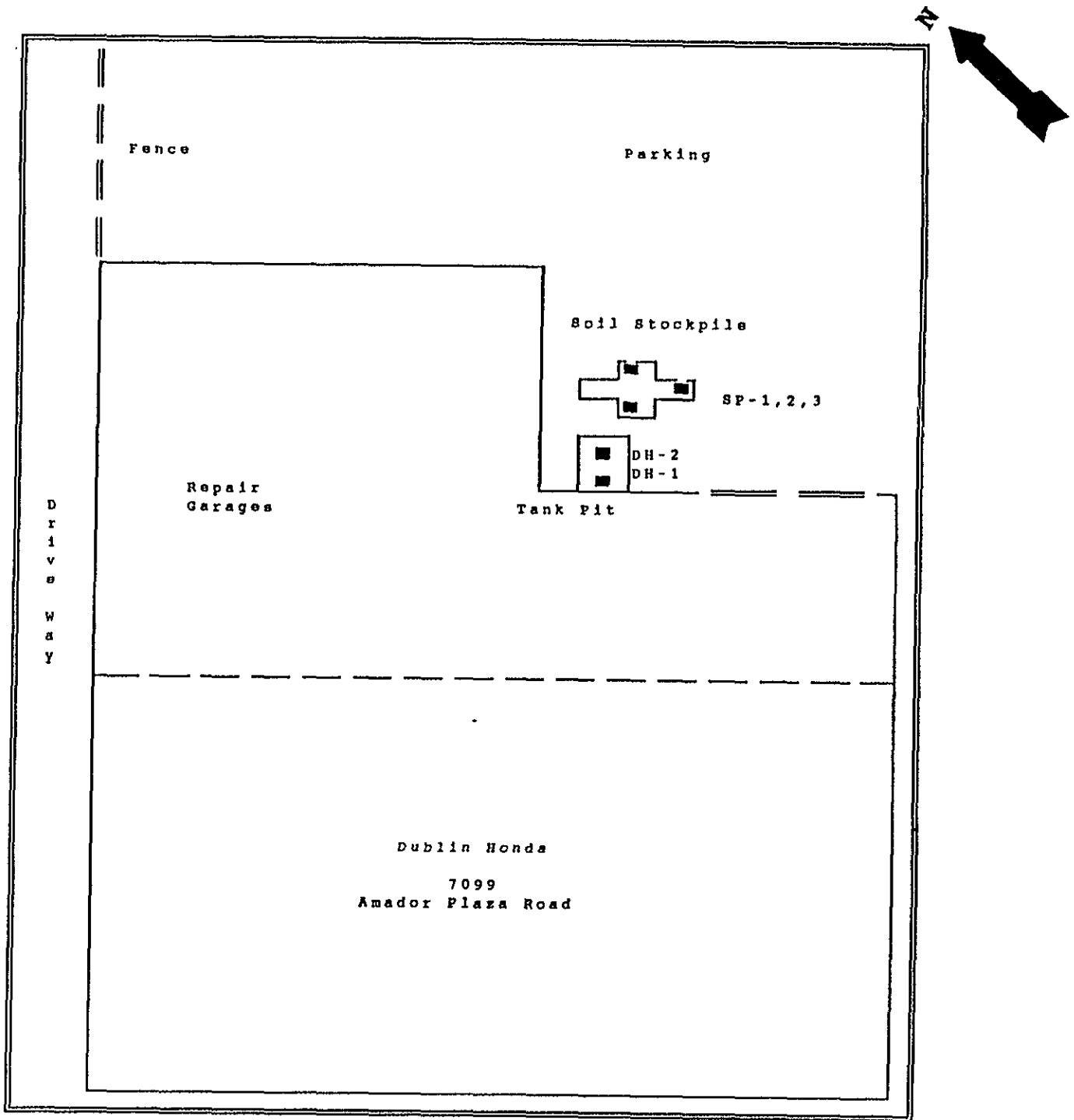
When a 500 gallon waste oil UST was removed on Oct 1, 1991, two soil samples (DH-1 and DH-2) collected from native soil beneath the tank exhibited up to 82 ppm TPH-G, 2,700 ppm TOG, 0.023, 0.011, 0.13, and 0.67 ppm BTEX, respectively, in addition to 0.085 ppm PCE. See Fig 1, Tables 1, 2, and 3.

On January 11, 1994, the waste oil pit was overexcavated. Excavation of the west wall was limited/restricted due to the proximity of the building. Two sidewall samples at 8.5' depth, from the west and southwest walls, and one bottom soil sample at 9.5' depth were collected and analyzed for TPH-G, BTEX, TOG, and Cl-HCs. Up to 97 ppm TOG, and 0.007, 0.018 ppm toluene and xylenes, respectively, were detected. The only Cl-HC detected was dichloromethane, at 0.052 ppm. Dichloromethane is a common laboratory extractant, which may be the source of contaminant detected in the soil samples. (See inspection report and lab results.)

Hydrocarbons released from the former waste oil UST appear to be mostly the less mobile oil and grease. Overexcavation removed most of the volatile compounds (TPH-G, BTEX). Maximum detected BTEX levels in soil was less than the RBCA Look-Up Table (exposure pathway via soil leachate to protect groundwater ingestion target level with a cancer risk of 1E-06). Groundwater in the near vicinity stabilizes at approximately 10 to 12' bgs. Migration of contaminants with low mobility through the low permeable silty clay sediments should be limited. (See boring logs from nearby sites).

There should be little impact to groundwater quality beneath this site from the waste oil release. Permanent groundwater monitoring wells are not warranted.

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Scale: 1" = 20 feet

SAMPLING LOCATION MAP

Figure 3

Toluene, 130 ppb of Ethylbenzene, and 670 ppb of Total Xylenes. TOG was detected at a reported concentration of 2700 ppm. The five LUFT priority metals (Cd, Cr, Pb, Ni, and Zn) were present at concentrations of 0.412 ppm of Cadmium, 3.19 ppm of Chromium, 3.38 ppm of Lead, 2.70 ppm of Nickel, and 7.03 ppm of Zinc. The Purgeable Halocarbon Tetrachloroethene was detected at a concentration of 85 ppb. TPHd was not detected in this sample.

Soil sample DH-2 contained TPHg at a reported concentration of 11 ppm. The BTEX constituents Ethylbenzene and Total Xylenes were detected at concentrations of 17 ppb and 100 ppb, respectively. TOG was present at a concentration of 820 ppm. The five LUFT priority metals were detected at concentrations of 0.483 ppm of Cadmium, 3.59 ppm of Chromium, 3.79 ppm of Lead, 3.04 ppm of Nickel, and 7.26 ppm of Zinc. The Purgeable Halocarbon Tetrachloroethene was present at a concentration of 20 ppb. TPHd, Benzene, and Toluene were not detected in this sample.

Composited soil stockpile sample SP-1,2,3* contained TPHg at a concentration of 2.6 ppm. The BTEX constituents were detected at concentrations of 5.0 ppb of Benzene, 34 ppb of Toluene, 16 ppb of Ethylbenzene, and 140 ppb of Total Xylenes. TOG was present at a reported concentration of 3000 ppm. The five LUFT priority metals were present at concentrations of 0.549 ppm of Cadmium, 3.27 ppm of Chromium, 4.76 ppm of Lead, 3.19 ppm of Nickel, and 14.5 ppm of Zinc. The Purgeable Halocarbon Tetrachloroethene was detected at a concentration of 84 ppb. TPHd was not detected in this sample.

| Sample Number | TPHg (ppm) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|--------------------|---------------|---------------|---------------|--------------------|---------------|
| DH-1 | 82 | 23 | 11 | 130 | 670 |
| DH-2 | 11 | ND | ND | 17 | 100 |
| SP-1,2,3* | 2.6 | 5.0 | 34 | 16 | 140 |
| DETECTION LIMIT | 1.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| METHOD OF ANALYSIS | 5030/ 8015 | 8020 | 8020 | 8020 | 8020 |
| ND = Not Detected | | | | | |

Table 1 Analytical Results (TPHg & BTEX)

| Sample Number | TPHd (ppm) | Oil and Grease (ppm) |
|-------------------------|---------------|----------------------|
| DH-1 | ND | 2700 |
| DH-2 | ND | 820 |
| SP-1,2,3* | ND | 3000 |
| DETECTION LIMIT | 1.0 | 10 |
| METHOD OF ANALYSIS | 3550/ 8015 | 5520 E&F |
| ppm = parts per million | | |
| ND = Not Detected | | |

Table 2 Analytical Results (TPHd & TOG)

| Sample Number | Purgeable Halocarbon | Concentration (ppb) |
|----------------------------|----------------------|---------------------|
| DH-1 | Tetrachloroethene | 85 |
| DH-2 | Tetrachloroethene | 20 |
| SP-1,2,3* | Tetrachloroethene | 84 |
| DETECTION LIMIT | | 0.5 |
| METHOD OF ANALYSIS EPA 601 | | |
| ppb = parts per billion | | |

Table 3 Analytical Results (Purgeable Halocarbons)