

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ARNOLD PERKINS, DIRECTOR
Alameda County Environmental Health D
Environmental Protection Divi
1131 Harbor Bay Parkway, Room
Alameda CA 94502-
(510)567-6700 fax: (510)337--

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 3992 - 577 W. Grand Avenue, Oakland, CA 94612

January 11, 1996

Mr. Charles Krieger
Channel Properties
P.O. Box 640069
San Francisco, CA 94164

Mr. Charles Wren
U.S. Postal Services
850 Chery Ave
San Bruno, CA 94099

Dear Messrs. Krieger and Wren:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank (10,000 gallon gasoline tank) removed from the above site on August 24, 1992. 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)
files (uspo.3)

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: August 10, 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: U.S. Post Office Carrier
Site facility address: 577 W. Grand Ave, Oakland 94612
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3992
URF filing date: 7/10/95 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:

- | | |
|--|--|
| 1. Charles Krieger
Channel Properties | P.O. Box 640069
San Francisco, CA 94164 |
| 2. Charles Wren
U.S. Postal Services | 850 Cherry Ave
San Bruno, CA 94099 |

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	10,000	Gasoline	Removed	8/24/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown, no holes or other signs of leakage
Site characterization complete? YES
Date approved by oversight agency: 7/11/95
Monitoring Wells installed? Yes Number: 1
Proper screened interval? Yes, 11.5 to 26.5' bgs
Highest GW depth below ground surface: 10.90' Lowest depth: 14.95'
Flow direction: Possibly SE-SW, from 2 nearby sites (2225 and 2025
Telegraph Ave, Oakland
Most sensitive current use: Commercial
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:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank	1 UST	H & H Ship, in San Francisco	8/24/92
Piping			
Rinseate	750 gal	H & & Ship, in San Francisco	8/20/92
Soil	100 cy	Redwood L.F. in Novato (?)	9/21-22/92
Groundwater Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	250	ND	ND	ND
TPH (Diesel)				
Benzene	.28	ND	ND	ND
Toluene	.34	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
Xylenes	.21	ND	ND	ND
Oil & Grease				
Heavy metals				
Other				

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: **None, pending site closure**
 Number Decommissioned: **0** Number Retained: **1**
 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: 8/16/95

Reviewed by

Name: Juliet Shin Title: Sr. Haz Mat Specialist

Signature: *Juliet Shin* Date: 8/10/95

Name: Dale Klettke Title: Haz Mat Specialist

Signature: *Dale Klettke* Date: 8/15/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/17/95 RB Response: *Approved*

RWQCB Staff Name: Kevin Graves Title: AWRCE

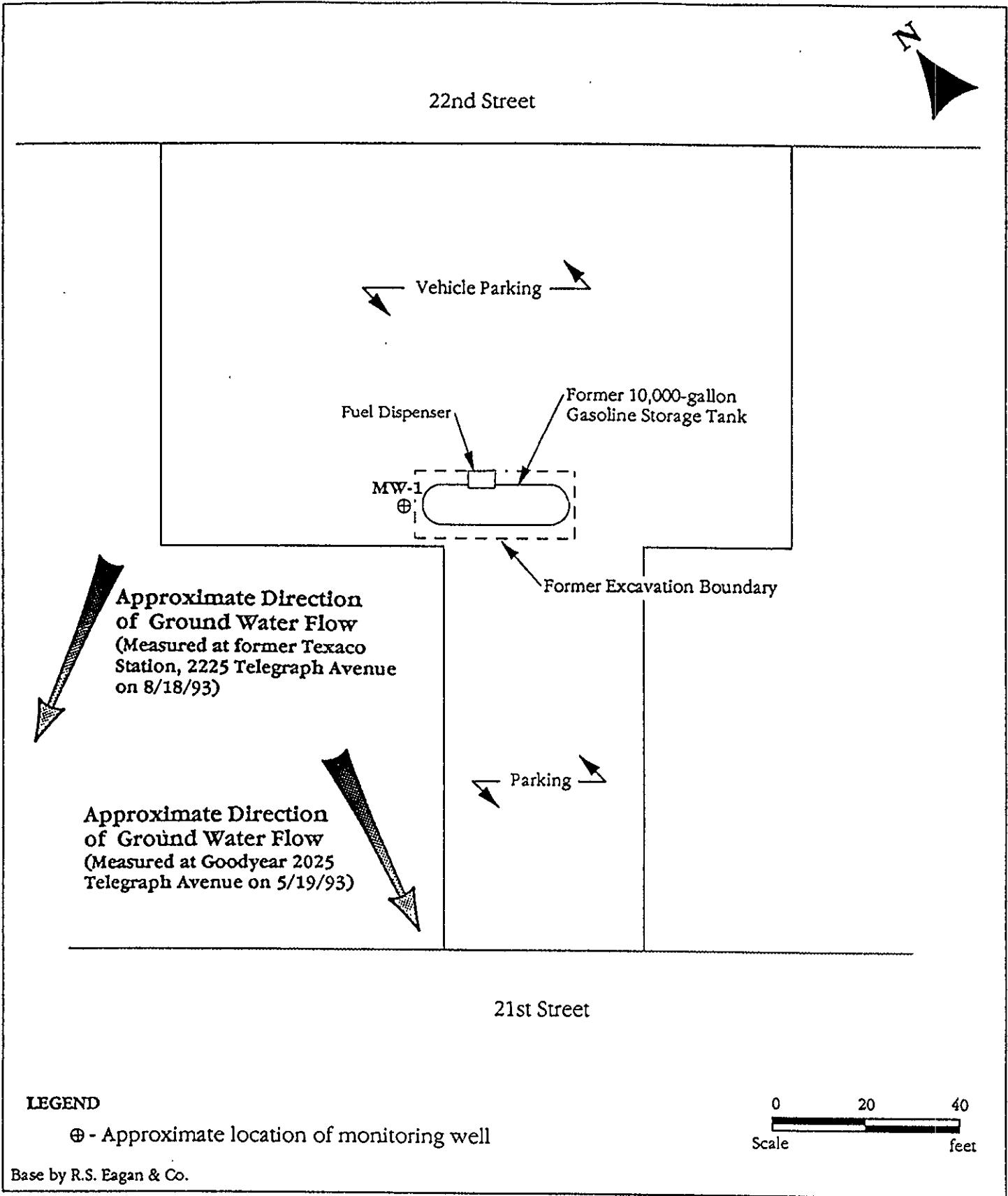
Signature: *Kevin Graves* Date: 9/6/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

A 10,000 gallon single-walled fiberglass UST was removed on August 24, 1992. An older UST, apparently installed in the 1960s, was reportedly replaced by this newer fiberglass tank.

Soil samples collected in native soil beneath the fill end of the tank at 12' depth exhibited up to 250 ppm TPH-G, .28, .34, ND, and .21 ppm BTEX, respectively. Contaminated soil was excavated to a depth of 16', removing a total of approximately 100 cy of soil. Two confirmatory soil samples collected at 16.5' depth did not detect TPH-G or BTEX.

An existing monitoring well is located approximately 3' west of the tank excavation. This well has been sampled four times (7/93, 12/93, 3/94, and 6/94), without detecting TPH-G or BTEX. Groundwater flow direction from two nearby sites, approximately two blocks away, show groundwater to flow west/southwest, and south. Although the existing well at this site appears to be cross-gradient from the tank pit, any significant release of fuel would have been detected in the well. With source removal, there appears to be no impact to groundwater quality beneath this site. Continued monitoring is not warranted.



864-11, 8/10 SF'EB

SITE PLAN
 WEST GRAND CARRIER ANNEX
 Oakland, California

TABLE 1. Summary of Ground Water Chemical Analyses
(concentrations in ppb)

Well	Date	TPH-Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
MW-1	02/23/93	<50	<0.50	<0.50	<0.50	<0.50
	12/06/93	<50	<0.50	<0.50	<0.50	<0.50
	03/09/94	<50	<0.50	<0.50	<0.50	<0.50
	06/10/94	<50	<0.50	<0.50	<0.50	<0.50
Drinking Water Standards*		NE	1.0	1,000	680	1,750

*Taken from Region 9 EPA Drinking Water Standards and Health Advisory Table, August 1991.

NE Not Established

3.0 CONCLUSIONS AND RECOMMENDATIONS

The purpose of this investigation was to monitor ground water quality in the existing on-site well.

No purgeable (gasoline range) hydrocarbons, including BTEX compounds, were detected above laboratory detection limits in the ground water sample collected.

We recommend that a copy of this report be sent to the ACDEH for their review and that case closure be requested.

4.0 LIMITATIONS

Soil deposits and rock formations may vary in type, strength, and many other important properties across any geologic area. The study that we have made assumes that the data obtained in the field and laboratory are reasonably representative of field conditions and that the subsurface conditions are