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

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR
DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

REMEDIAL ACTION COMPLETION CERTIFICATION

January 3, 1994

Neil Werner
Port of Oakland
530 Water St.
Oakland, California 94607

STID 1237, Allift & Equipment, 251 - 5th Ave.,Oakland, CA 94607

Dear Neil Werner:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, this office has determined that no further action is required at this time.

Based on the information submitted and current requirements, the RWQCB has also accepted the determination of this agency that no further action is required at this time. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions regarding this letter, please give Thomas Peacock a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

RAS:TP:st

c: Edgar B. Howell, Chief, Hazardous Materials Division
Files
Rich Hiett, RWQCB
Mike Harper, SWRCB, w/enclosure

LOP\Completion

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION **Date:** 12-17-94

Agency name: **Alameda County-HazMat** Address: **80 Swan Wy., Rm 200**
City/State/Zip: **Oakland** Phone: **(510) 271-4320**
Resp. staff person: Thomas Peacock Title: Supervising HMS

II. CASE INFORMATION

Site facility name: Port of Oakland
Site facility address: 251-5th Ave., Oakland, CA 94606
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **1237**

URF filing date: 11/18/91 SWEEPS No: **N/A**

Responsible Parties:	**Addresses:**	**Phone Numbers:**
Mr. Neil Werner	530 Water Street Oakland, Ca 94607	

Tank No:	**Size in gal.:**	**Contents:**	**Closed in-place or removed?:**	**Date:**
1	1,000	gasoline	removed	10-16-91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Site characterization complete? YES

Date approved by oversight agency: 6/22/92

Monitoring Wells installed? YES one(1) downgradient direction

Proper screened interval? No, top of screen was at 8′ when most groundwater samples have been at 5 or 6′. The well was located in an area of confirmed tidal influence.

Highest GW depth below ground surface: 3.85′ Lowest depth: 6.9′

Flow direction: west to Oakland Estuary

Most sensitive current use: unknown

Are drinking water wells affected? NO Aquifer name: Merritt sand

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

Leaking Underground Fuel Storage Tank Program

Off-site beneficial use impacts (addresses/locations): NA

Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
80 Swan Wy., Rm 200
Oakland CA 94621

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment of Disposal w/destination)	Date
Tanks	1000 gal.	disposal-Eickson,Richmond	10-16-91
Piping			
Free Product			
Soil	Unk	removed to Ports bioremediation site	unk
Groundwater			
Barrels			

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppm) Before	Water (ppm) After
TPH (Gas)	410	ND	ND	ND
TPH (Diesel)				
Benzene	.08	ND	ND	ND
Toluene	.08	ND	ND	ND
Xylene	2.2	ND	ND	ND
Ethylbenzene	1.1	ND	ND	ND

Other: 3,400 tds
1,55 chloride

Note: site is documented as being under tidal influence.

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 Decommisioned : No, but proposed.

Number Decommisioned: 0 Number Retained: 1

List enforcement actions taken: N/A

August 25, 1993

[illegible] Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. Chris Bolton, Harbor Master
Grand Marina Incorporated
2099 Grand Ave.
Alameda, CA 94501

STID 3820

Re: Work plan for further investigations related to the former underground storage tank at 2041 Grand Ave., Alameda, California

Dear Mr. Bolton,

On May 24, 1988, a 1,000-gallon gasoline underground storage tank (UST) was removed from the above site. Soil samples collected from beneath the UST identified up to 730 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg). Therefore, an unauthorized release was documented and further investigations/cleanup was required. In May 1992, nine borings were placed in and around the former UST, and soil samples were collected from 4'- 4.5' below ground surface from these borings. Up to 340 ppm TPHg was identified from these borings. Additionally, a ground water sample collected from Well MW-2, located in the suspected downgradient direction from the former UST, identified very elevated levels of TPHg at 29,000 parts per billion (ppb), and benzene, toluene, ethylbenzene, and xylenes (BTEX) (at 4,000 ppb, 11,000 ppb, 500 ppb, and 2,900 ppb). It appears that this contamination is resulting from the former UST since TPHg and BTEX were apparently not stored in the above ground storage tank farm.

Recently, this office had the opportunity to review Seacor's work plan, dated June 4, 1993, proposing additional investigations at the site. Although several borings were proposed around the former UST, no work was proposed to delineate the extent of the elevated concentrations in the suspected downgradient direction from Well MW-2. You are required to delineate the extent of the contaminant plume in the suspected downgradient direction. This office has noted that borings TP-4 and TP-3 were proposed in this direction. Instead of proposing and installing an additional boring, you have the option of analyzing the "grab" ground water samples collected from TP-4 and TP-3 for TPHg and BTEX, in addition to TPHd and Oil & Grease. However, these borings can only be used as a screening tool to assist in determining the locations for the required permanent monitoring wells.

Leaking Underground Fuel Storage Tank Program

List enforcement actions rescinded: N/A

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Thomas Peacock
Signature: Thomas F Peacock
Title: Supervising HMS
Date: 12-17-93

Reviewed by:
Name: Jennifer Eberle
Signature: J Eberle
Title: Haz Mat Specialist
Date: 12-17-93

Name: Susan Hugo
Signature: Susan L. Hugo
Title: Senior Haz Mat Spec
Date: 12-22-93

VI. RWQCB NOTIFICATION

Date Submitted to RB: 7/12/93* RB Response: no response
RWQCB Staff Name: Rich Hiett Title: San. Engineering Asso. Date:
*original referral submitted to RWQCB on 7/12/93

VII. ADDITIONAL COMMENTS, DATA, ETC.

The soil contamination initially discovered was 410 ppm TPH in soil in the excavation. The contaminated soil was overexcavated and the removed soil was disposed. No hydrocarbons were detected in soil samples after the overexcavation on May 13, 1992.

One monitoring well was installed and has been monitored on 4 consecutive quarters (5-15-92, 8-6-92, 12-2-92, and 2-12-93) for TPHg and BTEX with no reported contamination. The well is generally in a downgradient direction based on neighboring borings and wells at Peralta College property. Water tested in the well has 3,400 ppm TDS and 1,500 ppm chloride. The secondary drinking water standard for chloride is only 200 ppm. It is presumed that there is some amount of tidal influence in this well with that level of choride.