

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6777

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 3285 - 5237 S. Front Rd, Livermore 94550

September 15, 1995

Mr. Ernest Jones  
1725 Rose Ave  
Pleasanton, CA 94566

Dear Mr. Jones:

This letter confirms the completion of site investigation and remedial action for the two former underground storage tanks (1-5K diesel, 1-3K gallon gasoline tanks) removed from the above site on May 2, 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, Acting Director

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

**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: East Bay Gunitite  
 Site facility address: 5237 S. Front Rd, Livermore 94550  
 RB LUSTIS Case No: N/A      Local Case No./LOP Case No.: 3285  
 URF filing date: 5/19/92      SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Ernest Jones	1725 Rose Ave, Pleasanton 94566	510/846-4080

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	5,000	Diesel	Removed	5/2/91
2	3,000	Gasoline	Removed	5/2/91

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: Leaking pipes  
 Site characterization complete? YES  
 Date approved by oversight agency: 5/15/95  
 Monitoring Wells installed? Yes      Number: 1  
 Proper screened interval? Yes, 10 to 20' bgs  
 Highest GW depth below ground surface: 5.95'      Lowest depth: 10.69'  
 Flow direction: Assumed NW  
 Most sensitive current use: Industrial  
 Are drinking water wells affected? No      Aquifer name: Spring Subbasin  
 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	2 USTs	Erickson, in Richmond	5/2/91
Piping			
Rinseate	300 gal	Refineries Services in Patterson	6/12/91
Soil	126 cy	Vasco Rd L.F., in Livermore	8/10/91
Groundwater Barrels			

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

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	2,600	4.4	ND	ND
TPH (Diesel)	580	NT	ND	ND
Benzene	21	ND	ND	ND
Toluene	130	ND	ND	ND
Ethylbenzene	15	ND	ND	ND
Xylenes	250	ND	1.6	ND
Oil & Grease				
Heavy metals	Total Lead	5		
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: **No, pending site closure**

Number Decommissioned: **0** Number Retained: **1**

List enforcement actions taken: **NOV for not submitting PSA.  
Review Panel on 2/15/94**

List enforcement actions rescinded: **Above, in compliance.**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 6/28/95

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature: *Barney Chan* Date: 6/28/95

Name: Juliet Shin Title: Sr. Haz Mat Specialist

Signature: *Juliet Shin* Date: 6/27/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/29/95

RB Response: *Approved*

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature: *Kevin Graves*

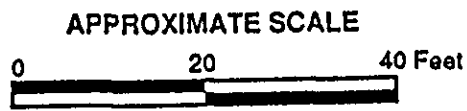
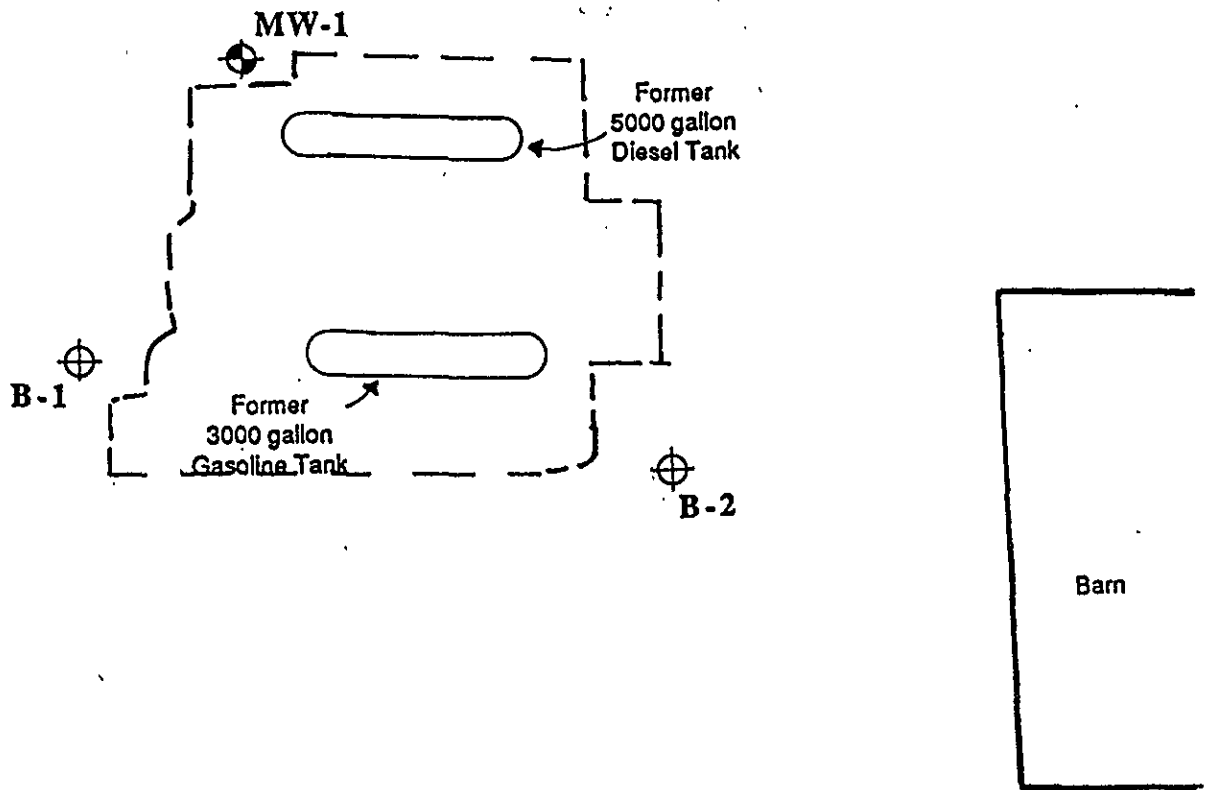
Date: 7/10/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

Two USTs were removed (1-3K gasoline, 1-5K diesel) in May 1991. Soil samples collected from native soil beneath the USTs detected up to 2,600 ppm TPH-G, 580 ppm TPH-D, and 21, 130, 15, and 250 ppm BTEX, respectively. The pit was overexcavated, where final dimensions were 38' x 50' x 16' deep. Groundwater was encountered at 13-14' bgs. Sidewall samples collected in Sep 1991 did not detect petroleum hydrocarbons above 4.4 ppm TPH-G. A grab groundwater sample detected 1.6 ppb xylenes only.

To evaluate groundwater quality beneath the site, three soil borings (MW-1, SB-1 and SB-2) were advanced around the former tank excavation. Boring MW-1 located northwest of the former excavation was converted into a monitoring well. Apparent groundwater flow direction, to the NW, was based on information provided from the Alameda Flood Control District, Zone 7, Fall 1993 Groundwater Level Contour Map. Soil and grab groundwater samples collected from boring MW-1, SB-1 and SB-2 did not detect TPH-G, TPH-D, or BTEX.

Groundwater has been sampled for four quarters (12/93, 9/94, 12/94, and 3/95) without detecting TPH-G, TPH-D, or BTEX. Excavation was effective in removing contaminated soils. It appears the fuel release at the site has not impacted groundwater quality.



1 Inch = 20 Feet  
Base: Information provided by Mr. E. Jones

**LEGEND**

- Former Tank Excavation
- MW-1** Groundwater Monitoring Well
- B-2** Exploratory Boring



**Earth Systems Consultants**  
Northern California

**Site Plan**  
Jones Property  
5237 South Front Road  
Livermore, California

DATE: 04/20/95      JOB NO: NJL-4207-01

FIG. NO:

**2**

**TABLE 1**  
**SUMMARY OF GROUNDWATER PARAMETERS**

Well Number	Sample Date	Depth to Water (ft)	Well Depth (ft)	Purge Volume (tot gal)	Final Temperature (°F)	Final Conductivity (µmho/cm)	Final pH	Comments
MW-1	12/09/93	9.34	19.05	6	66.0	3510	6.91	Cloudy
	09/21/94	10.69	18.99	6	72.5	3190	6.04	Cloudy
	12/13/94	9.97	18.88	6	60.1	3950	6.36	Cloudy
	03/30/95	5.95	18.80	8	61.6	3120	6.28	Clear

**TABLE 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL DATA**

Sample Number	Sample Date	TPHG (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)	TPHD (ppb)	Total Lead (ppm)
MW-1	06/07/94	<50	<0.5	<0.5	<0.5	<0.5	<50	<0.1
	09/21/94	<50	<0.5	<0.5	<0.5	<0.5	<50	NA
	12/13/94	<50	<0.5	<0.5	<0.5	<0.5	<50	NA
	03/30/95	<50	<0.5	<0.5	<0.5	<0.5	<50	NA

**Notes**

- ft. Feet
- tot gal. Total Gallons
- µmho/cm Micro mho's per centimeter
- ppb parts per billion
- TPHG Total petroleum hydrocarbons as gasoline
- TPHD Total petroleum hydrocarbons as gasoline
- <0.5 Not detected at or below indicated laboratory detection limit
- NA Not Analyzed

# Log of Exploratory Boring

DATE DRILLED: June 7, 1994  
 BORING DIAMETER: 8 inches  
 PROJECT NUMBER: NJL-4207-01  
 PROJECT NAME: Jones Property

BORING NO.: MW-1  
 DEPTH TO GROUNDWATER: 12  
 LOGGED BY: N. Nack  
 DRILLING METHOD: Hollow Stem Auger

Blows Per Foot	Sample Number	Depth (ft)	U.S.C.S. Soil Group	SOIL DESCRIPTION	OVM (ppm)	Water Level
		0		- 5 to 6 inches baserock		
		1		SILTY CLAY (FILL), brown, 15% silt, medium plasticity, stiff, moist		
		2				
		3				
		4		- Brick debris, underlain by black clayey sand with gravel		
71		5				
		6	CL	SANDY CLAY, olive brown, 20 -30% fine to medium grained sand, 10% silt, porous, very stiff, moist	0	
		7				
		8				
50/6	MW1-9 1/2	9		-increasing sand	0.3	▽ — —
		10				1 hr ▽ — —
		11	SC	CLAYEY SAND, brown, ~30% clay, dense, very moist to saturated		
		12				
		13	CL	SANDY CLAY, olive brown, 40% fine to medium grained sand, 10% silt, porous, very stiff, saturated		
36		14			0	
		15	SC	CLAYEY SAND, brown, 10-20% silt, trace medium gravels, dense, saturated		
		16		- increasing silt	0	
		17				
		18	SP	SAND, grayish brown, medium grained and subrounded, dense, saturated		
66		19				
		20	SW	GRAVELLY SAND, brown, 10-20% subrounded 1-2" gravels, dense, saturated		
Bottom of Boring: 20 feet; Groundwater Encountered: 12 feet						



ESCNC

Reviewed by R.G./C.E.G.

Figure No. A-4