

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 6244 - 225 3rd Street, Oakland, CA
(1-550 gallon gasoline UST removed in March 25, 1987)

May 30, 1997

Mr. Joe Fuetsch
Silver Peak, Inc
3076 Rossmoor Pkwy, #2
Walnut Creek, CA 94595

Dear Mr. Fuetsch:

This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file 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, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

cc: Chief, Division of Environmental Protection
Kevin Graves, RWQCB
Lori Casias, SWRCB (with attachment-case closure summary)
Cheryl Gordon, UST Cleanup Fund
Leroy Griffin, OFD
files-ec (ebtire.2)

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RO#743

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StID 6244

May 30, 1997

Mr. Joe Fuetsch
Silver Peak, Inc
3076 Rossmoor Pkwy, #2
Walnut Creek, CA 94595

Re: Fuel Leak Site Case Closure for East Bay Tire Co, at
225 3rd Street, Oakland, CA 94607

Dear Mr. Fuetsch:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

enclosure:

1. Case Closure Letter
2. Case Closure Summary

01-2227
Need Fe
input

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: April 2, 1997

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700
Responsible staff person: T. Peacock Title: Supervisor

II. CASE INFORMATION

Site facility name: East Bay Tire Co.
Site facility address: 225 3rd Street, Oakland, CA 94607
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 6244
URF filing date: 4/4/87 SWEEPS No: N/A

Responsible Parties: Addresses: Phone Numbers:

Joe Fuetsch 3076 Rossmoor Pkwy, #2
Silver Peak, Inc Walnut Creek, CA 94595

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	550	Gasoline	Removed	3/25/87

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
Site characterization complete? YES
Date approved by oversight agency: 2/20/97
Monitoring Wells installed? No Number: 0
Proper screened interval? NA
Highest GW depth below ground surface: Groundwater encountered at ~14 bgs
Flow direction: Unknown
Most sensitive current use: Commercial/Industrial
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

11 APR 23 1997
STANFORD UNIVERSITY
7100 SERRANO AVENUE
STANFORD, CA 94305

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>
Tank	1 UST	Unknown	3/25/87
Piping			
Soil	Ukn qty	Aerated and reused to fill pit	4/1/87

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before¹</u>	<u>After²</u>	<u>Before³</u>	<u>After</u>
TPH (Gas)	8,900	ND	ND	
TPH (Diesel)	NA	NA	210	
Benzene	NA	ND	ND	
Toluene	NA	ND	ND	
Ethylbenzene	NA	ND	ND	
Xylenes	NA	ND	ND	
MTBE	NA	ND	ND	
Heavy metals Lead		ND	350 ⁴	
Other				

- NOTE: 1 soil sample collected from pit excavation at time of UST removal, 3/25/87
 2 soil collected from boring B-1 at ~8' bgs, Nov 1996
 3 grab groundwater sample collected at ~14' bgs from boring B-1, Nov, 1996
 4 lead levels appear to be a regional problem, not a result of the release from the former UST (see comments in Section VII).

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?
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan?
 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:
 List enforcement actions taken: **None**

List enforcement actions rescinded: **NA**

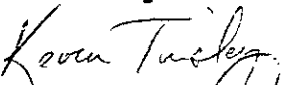
V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 5/1/97

Reviewed by

Name: Kevin Tinsley Title: Haz Mat Specialist

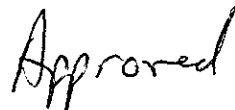
Signature:  Date: 4-2-97

Name: Thomas Peacock Title: Supervisor

Signature:  Date: 5-1-97

VI. RWQCB NOTIFICATION

Date Submitted to RB: 5/2/97

RB Response: 

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature:  Date: 5/16/97

VII. ADDITIONAL COMMENTS, DATA, ETC.

A 550 gallon gasoline UST was removed on March 25, 1987. A soil sample (W-1,7') was collected from the center of the bottom of the excavation at ~7' bgs. Groundwater was noted at the deep end of the excavation. A strong hydrocarbon odor was also noted at the deep end of the excavation. The excavation measured 8'x4'x7.5' deep. The soil sample was only analyzed for TPHg. Up to 8,900 ppm TPHg was identified. (See Table 1)

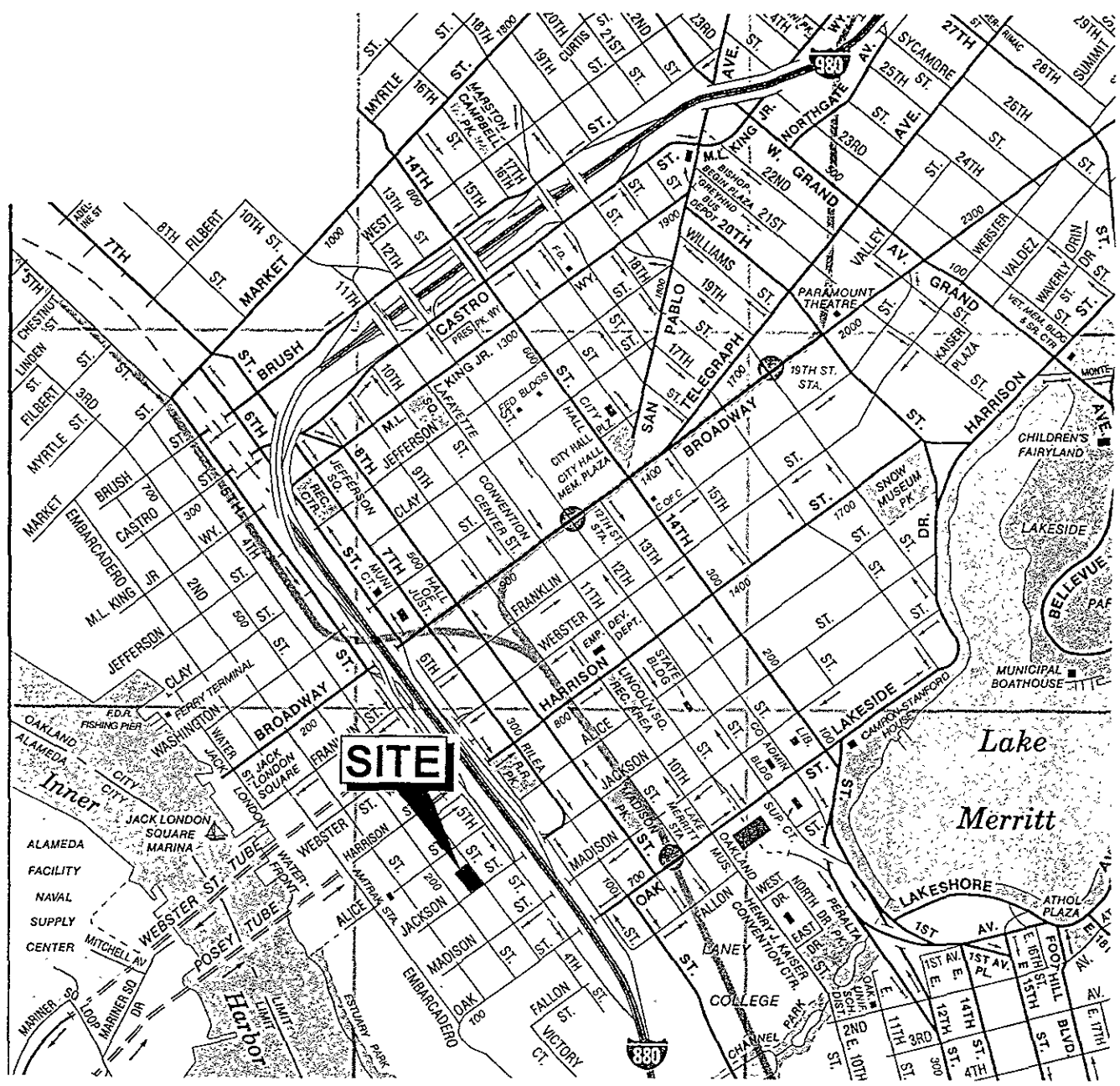
The pit was overexcavated to ~11'x7'x8' deep. No significant odor was noted in the pit this time. Another soil sample (West Side) was collected from the west end of the excavation and analyzed for TPHg. None was identified (see Table 2). A "grab" water sample was not collected.

In November 1996 a soil boring (B-1) was advanced through the former tank excavation to a depth of ~15' bgs (see Fig 1 and 2). The site is underlain by brown silty sand to the total depth of the boring. Groundwater was encountered at ~14' bgs. A soil sample was collected at ~8' bgs. And a "grab" groundwater sample was collected. Both samples were analyzed for TPHd, TPHg, BTEX, MTBE, and total lead. The soil sample did not contain any of the above constituents. The "grab" water sample contained 350 ppb lead and 210 ppb TPHd. TPHg and BTEX were not identified. (See Table 3 and 4)

It appears that the fuel release did not impact groundwater quality beneath the site since TPHg and BTEX constituents were not present. Elevated lead levels in groundwater appears to be a regional problem, and not a result of fuel release from the former UST, because lead levels were not detected from the soil sample collected from boring B-1 at 8'bgs. And, similar lead levels were identified in groundwater at a nearby site, 412 Madison St, located one block away, where its lead source is also unknown.

In summary, case closure is recommended because:

- the leak and ongoing sources have been removed (with UST removal and overexcavation activities);
- the site has been adequately characterized;
- the dissolved plume is not migrating (since groundwater does not appear to be impacted);
- no water wells, surface water, or other sensitive receptors are likely to be impacted (based on Public Works database); and,
- the site presents no significant risk to human health or the environment (since TPHg and BTEX were not identified in soil after overexcavation activities).



MAP SOURCE :
CSAA

Scale : 1" = ± 1250'

December 1996

SITE LOCATION

Former East Bay Tire

Figure 1

Project 2181



THIRD STREET

Entrance

Sidewalk

B-1

Newer Paving

Covered Shed

Office and Warehouse

Sidewalk

JACKSON STREET

Approximate Property line



EXPLANATION:



B-1 ← Boring Number

Scale : 1" = ± 15'

December 1996

BORING LOCATION

Former East Bay Tire

Figure 2

Project 2181



Table 1

DATE: 3/30/87
LOG NO.: 4623
DATE SAMPLED: 3/26/87
DATE RECEIVED: 3/26/87

CUSTOMER: JHA Geotechnical Consultants
REQUESTER: John Bird
PROJECT: No. H87015, E.B. Tire

<u>Sample Type</u>	<u>Sample</u>	<u>Volatile Hydrocarbons</u>
<u>Soil</u>		<u>mg/kg</u>
	W-1, 7' - Middle of Excavation	8900

Roland X. Tao
Roland X. Tao
Supervisory Chemist

RXT:tlh

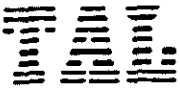


Table 2

DATE: 4/2/87
LOG NO.: 4651
DATE SAMPLED: 3/31/87
DATE RECEIVED: 3/31/87

CUSTOMER: JHA Geotechnical Consultants
REQUESTER: Howard D. Barlow
PROJECT: E.B. Tire

Sample Type

Sample

Volatile Hydrocarbons

Soil

mg/kg

West Side of Excavation

< 5

For Roland X. Tao
Supervisory Chemist

RXT:tlh

TABLE 3

LABORATORY ANALYTICAL RESULTS DETECTED IN SOIL
 Former East Bay Tire
 Oakland, California

(concentrations expressed in mg/kg)

Analyte	Detection Limit	B-1
Lead	3.0	ND
TPH Diesel	1.0	ND
TPH Gasoline	0.2	ND
Benzene	0.005	ND
Toluene	0.005	ND
Ethylbenzene	0.005	ND
Xylenes	0.005	ND
MTBE	0.050	ND

ND Not Detected



TABLE 34

LABORATORY ANALYTICAL RESULTS DETECTED IN GROUNDWATER
Former East Bay Tire
Oakland, California

(concentrations expressed in mg/l)

Analyte	Detection Limit	W-1
Lead	0.04	0.35
TPH Diesel	0.05	0.21
TPH Gasoline	0.05	ND
Benzene	0.0005	ND
Toluene	0.0005	ND
Ethylbenzene	0.0005	ND
Xylenes	0.002	ND
MTBE	0.005	ND

ND Not Detected