

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 23, 1998
StID # 3819

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Marvin Mainer
814 69th Ave.
Oakland CA 94621

RE: Silva Associated Roofing, Inc., 814 69th Ave., Oakland
CA 94621

Dear Mr. Mainer:

This letter confirms the completion of site investigation and remedial action for the one 500 gallon gasoline underground tank removed from 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 tank is greatly appreciated.

Based upon the available information and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank releases 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 Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Mee Ling Tung', is written over a horizontal line.

Mee Ling Tung
Director, Environmental Health

c: B. Chan, Hazardous Materials Division-files
Stephen Hill, RWQCB
Mr. Dave Deaner, SWRCB Cleanup Fund
Mr. Leroy Griffin, City of Oakland OES, 505 14th St., Suite
702, Oakland CA 94612

RACC814-

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KLARS, Agency Director

January 27, 1998
StID# 3819

Mr. Marvin Mainer
Silva Associated Roofing Inc.
814 69th Ave.
Oakland, CA 94621

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

**RE: Fuel Leak Site Case Closure Silva Associated Roofing Inc.
814 69th Ave., Oakland CA 94621**

Dear Mr. Mainer:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with the Health and Safety Code, 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 Health Services, Local Oversight Program (LOP) is required to use this case closure letter. We are also enclosing the case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site.

Site Investigation and Cleanup Summary:

Please be advised that the following conditions exist at the site:

* 77 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg) and 1, 4.2, 1.1 and 5.7 ppm benzene, toluene, ethylbenzene and xylenes, respectively remain in the soil at the site.

This site should be included in the City's permit tracking system. Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

enclosures: Case Closure Letter, Case Closure Summary

c: Mr. L. Griffin, City of Oakland OES, 505 14th St., Suite
702, Oakland CA 94612

✓ B. Chan, files (letter only)

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CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: October 28, 1997

Agency name: Alameda County-HazMat **Address:** 1131 Harbor Bay Parkway
Rm 250, Alameda CA 94502
City/State/Zip: Alameda **Phone:** (510) 567-6700
Responsible staff person: Barney Chan **Title:** Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Silva Associated Roofing, Inc.
Site facility address: 814 69th Ave., Oakland CA 94621
RB LUSTIS Case No: N/A **Local Case No./LOP Case No.:** 3819
ULR filing date: 9/26/90 **SWEEPS No:** N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
1. Mr. Marvin Mainer	814 69th Ave. Oakland CA 94621	(510) 638-6438

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	500	gasoline	Removed	9/07/90

III RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown
Site characterization complete? Yes
Date approved by oversight agency:
Monitoring Wells installed? No **Number:**
Proper screened interval? NA

Submitted to EPA
10/13/97
10/13/97

Leaking Underground Fuel Storage Program

Does corrective action protect public health for current land use? YES

Site management requirements: site should be entered into the City of Oakland permit tracking system.

Should corrective action be reviewed if land use changes? Yes

Monitoring wells Decommisioned: NA

Number Decommisioned: NA

Number Retained:

List enforcement actions taken: NOV's- April 23, 1993 and October 2, 1993

List enforcement actions rescinded: Above

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan Title: Hazardous Materials Specialist

Signature: *Barney M Chan* Date: 12/12/97

Reviewed by

Name: Tom Peacock Title: Manager

Signature: *Tom Peacock* Date: 11-24-97

Name: Eva Chu Title: Hazardous Materials Specialist

Signature: *Eva Chu* Date: 10/28/97

VI. RWQCB NOTIFICATION

Date Submitted to RB: 1/2/98 RB Response: Concur

RWQCB Staff Name: ~~K. Graves~~ Stephen Hill Title: ~~AWRCE~~ ESTI Sp. Date: 1/8/98 *Sept 1/98*

VII. ADDITIONAL COMMENTS, DATA, ETC.

On September 7, 1990 one 500 gallon unleaded gasoline tank was removed from this site. One soil sample was taken from beneath each end of the tank. These two samples were identified as S-E-1 and S-W-2. Up to 180 ppm TPHg and 0.9, 8.8, 3.9, and 23 ppm, BTEX, respectively was detected in sample S-E-1. Approximately 10 cy of soils was generated from the tank pull. Two discrete soil samples taken from the spoils exhibited ND for TPHg and BTEX.

Leaking Underground Fuel Storage Program

VII. ADDITIONAL COMMENTS, DATA, ETC.

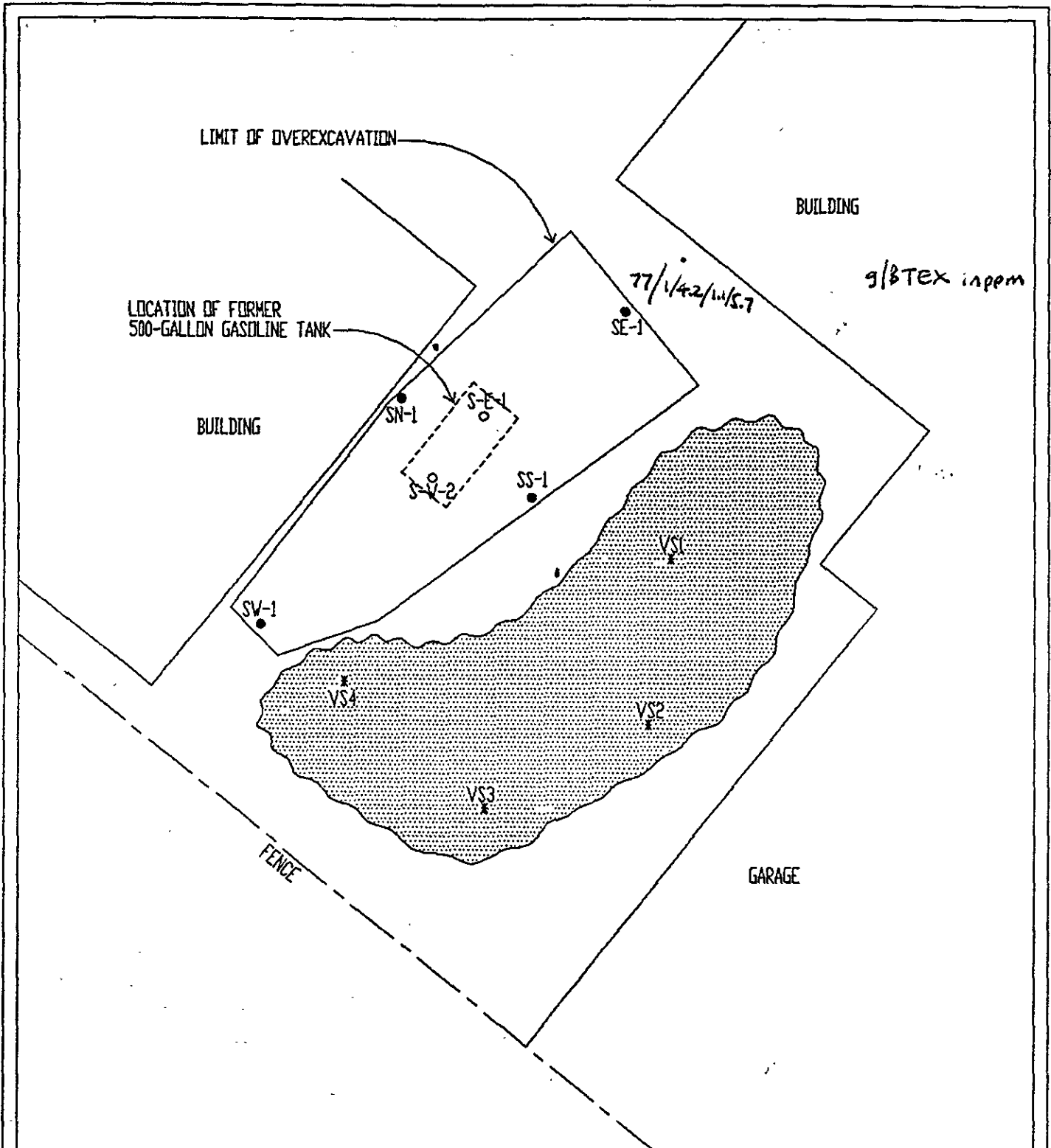
Overexcavation was performed at the site and on 10/30/90 four soil samples were taken at from each sidewall of the excavation at a depth of 10' bgs. Low levels of TPHg and BTEX was detected in each soil sample, however, due to the anticipated shallow depth to groundwater and a benzene concentration up to 1.0 ppm, further investigation was warranted. Approximately 70 cy of spoils was generated from the overexcavation activities.

In 1/31/92, four discrete samples from the stockpiled soils were taken for analysis. All soil samples were ND for TPHg and BTEX. These soils were used to backfill the tank pit on April 22 and 23, 1997.

On October 7, 1997, three geoprobe borings were advanced approximately 20-30' radially outward from the three side of the former excavation where benzene was detected at levels above the Tier 1, RBCA level. Soil samples at approximately 10' bgs depth and a grab groundwater sample from each boring were taken for chemical analysis. With the exception of the grab groundwater sample from SB-1 which exhibited 12 ppb MTBE, no other analytes were detected.

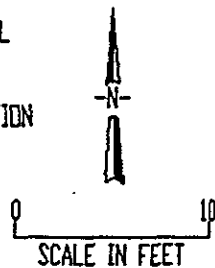
Site closure is recommended as a "low risk" soils case based upon:

- * Adequate site characterization;
- * Removal of underground tank;
- * No impact to groundwater;
- * Localized impact to soil.
- * No anticipated adverse affect to human health or the environment.



LEGEND

- S-E-1 NAME AND LOCATION OF TANK REMOVAL SOIL SAMPLE (9/7/90)
- SS-1 NAME AND LOCATION OF OVEREXCAVATION SOIL SAMPLE (10/30/90)
- VS2 NAME AND LOCATION OF STOCKPILE SOIL SAMPLE (1/31/92)



TANK PROTECT ENGINEERING

SITE PLAN
SOIL SAMPLING (9/7/90, 10/30/90, AND 1/31/92)

SILVA ASSOCIATED ROOFING
COMPANY
814 69TH AVENUE
OAKLAND, CA 94621

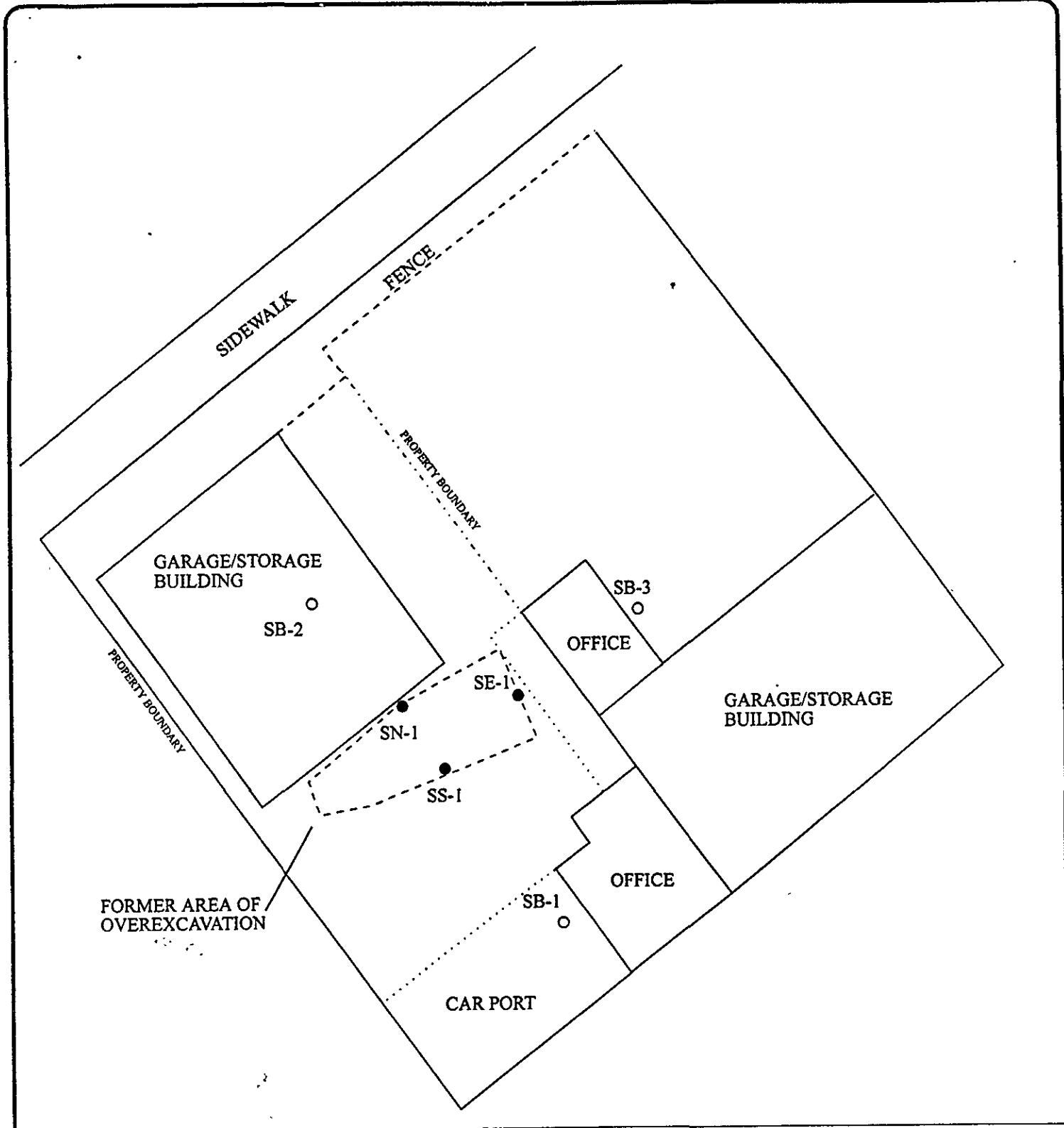
DATE	4/29/92
FIGURE	2
FILE #	131-2
DRAWN BY	NAC
CHECKED BY	JVN

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
(ppm)

Sample ID Name	Date	Depth (feet)	TPHG	Benzene	Toluene	Ethyl-Benzene	Xylene
S-E-1 ¹	09/07/90	---	180	0.90	8.8	3.9	23
S-W-2	09/07/90	---	30	0.091	0.44	0.44	2.3
SP-1	10/30/90	---	<1.0	<0.0050	<0.0050	<0.0050	<0.00
SP-2	10/30/90	---	<1.0	<0.0050	<0.0050	<0.0050	<0.00
SE-1	10/30/90	10.0	77	1.0	4.2	1.1	5.7
SW-1	10/30/90	10.0	51	0.018	0.074	0.031	1.3
SN-1	10/30/90	10.0	28	0.086	0.021	0.014	0.46
SS-1	10/30/90	10.0	29	0.093	0.055	0.032	1.1
SP-1	12/07/90	2.0	23	<0.050	<0.050	<0.050	0.21
SP-2	12/07/90	2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.00
VS 1 ²	01/31/92	2.0	<.500	<0.0050	<0.0050	<0.0050	<0.01
VS 2	01/31/92	2.0	<.500	<0.0050	<0.0050	<0.0050	<0.01
VS 3	01/31/92	1.9	<.500	<0.0050	<0.0050	<0.0050	<0.01
VS 4	01/31/92	1.7	<.500	<0.0050	<0.0050	<0.0050	<0.01

¹ ALSO ANALYZED FOR TOTAL LEAD BY AA; DETECTED 7.6 ppm (SEE CERTIFIED ANALYTICAL REPORT IN APPENDIX C).

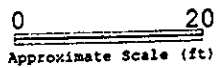
... ALSO ANALYZED FOR ORGANIC LEAD BY THE DHS METHOD; NONE WAS DETECTED (SEE CERTIFIED ANALYTICAL REPORT IN APPENDIX C).



Legend

SB-1


○ Name and Location of Proposed Soil Boring



ALLCAL PROPERTY SERVICES

SITE PLAN

SILVA ASSOCIATED ROOFING
814 69th AVENUE
OAKLAND, CA 94621

 McCAMPBELL ANALYTICAL INC.	110 Second Avenue South, #D7, Pacheco, CA 94553 Telephone: 510-798-1620 Fax: 510-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com
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ALLCAL Property Services 27973 High Country Drive Hayward, CA 94542-2530	Client Project ID: #126101697; 814 69 th Avenue, Oakland	Date Sampled: 10/16/97
	Client Contact: John Mrakovich	Date Received: 10/16/97
	Client P.O.:	Date Extracted: 10/16-10/22/97
	Date Analyzed: 10/16-10/22/97	

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602; California RVOCB (SF Bay Region) method (CFHX5030)

Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
81958	SB1-10-10.5	S	ND	ND	ND	ND	ND	ND	93
81959	SB1-W	W	ND,i	12	ND	ND	ND	ND	107
81960	SB2-10-10.5	S	ND	ND	ND	ND	ND	ND	96
81961	SB2-W	W	ND,i	ND	ND	ND	ND	ND	92
81962	SB3-10-10.5	S	ND	ND	ND	ND	ND	ND	90
81963	SB3-W	W	ND,i	ND	ND	ND	ND	ND	93
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

* cluttered chromatogram; sample peak coelutes with surrogate peak

*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.