

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Alameda County CC4580
Environmental Protection Services
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

June 27, 1996
STID 5284
page 1 of 2

REMEDIAL ACTION COMPLETION CERTIFICATION

Attn: Ron McMeekin
Bank of the Orient
233 Sansome St.
San Francisco CA 94104

RE: Allright Parking Lot site, 1225 Webster St., aka 351-13th St., Oakland CA 94612

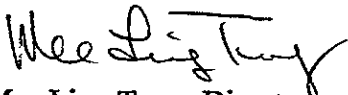
Dear Mr. McMeekin,

This letter confirms the completion of site investigation and remedial action for the three underground storage tanks at the above referenced site, presumed to have been removed on 2/23/76. Based on the available information 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 at this time.** Please be aware that this does not free present or future landowners or operators from cleanup responsibilities in the event that new information indicates a pollutant problem on the site or originating from the site.

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. The owner must promptly notify this agency if there is a proposal for a change in land use, site activity, or structural configuration of the site (ie basements in new buildings where none were before). Such site modifications may require a re-evaluation of the chemical exposure pathways, receptor sensitivities (ie residential vs commercial/industrial), and/or other applicable criteria which may have been employed to assess potential human health risk during the case closure process.

If you have any questions regarding this letter, please contact Jennifer Eberle at (510) 567-6700, ext. 6761. Attached is a copy of the Case Closure Summary, which was reviewed and approved by this agency and the Regional Water Quality Control Board (RWQCB).

Very truly yours,


Mee Ling Tung, Director

61-2007

CALIFORNIA REGIONAL WATER

APR 1 0 1996 KG

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program QUALITY CONTROL BOARD

I. AGENCY INFORMATION

Date: 3/19/96

Agency name: **Alameda County-HazMat**
City/State/Zip: **Alameda CA 94502**
Responsible staff person: **Jennifer Eberle**

Address: **1131 Harbor Bay Pky**
Phone: **(510) 567-6700**
Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Allright Parking Lot**
Site facility address: **1225 Webster St., aka 351-13th St., Oakland CA 94612**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **5284**
URF filing date: **5/20/94** SWEEPS No: **N/A**

Responsible Parties: Addresses: Phone Numbers:
Ron McMeekin, Bank of the Orient, 233 Sansome St., San Francisco CA 94104

Tank Size in Contents: Closed in-place Date:
No: gal.: or removed?:
3 USTs unknown presumed removed 2/23/76
SEE SECTION VII FOR A DISCUSSION

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown
Site characterization complete? YES
Date approved by oversight agency: 3/19/96
Monitoring Wells installed? YES Number: 8
Proper screened interval? MW1 to MW7 screened 25-35' and MW8 screened 20-35'bgs. Although DTW was above the screened interval in MW1 to MW7, the DTW was within the screened interval in MW8. There are no significant variations in data between these wells.
Highest GW depth below ground surface: 22.85' in MW8 Lowest depth: 24.58' in MW1
Flow direction: N to NW
Most sensitive current use: currently parking lot
Are drinking water wells affected? NO Aquifer name:
Is surface water affected? NO Nearest affected SW name:
Off-site beneficial use impacts (addresses/locations): unknown

Leaking Underground Fuel Storage Tank Program

Report(s) on file? **YES** Where is report(s) filed?
Alameda County, 1131 Harbor Bay Pky, Alameda Ca 94502

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u>	<u>Action (Treatment</u>	<u>Date</u>
<u>(include units)</u>		<u>of Disposal w/destination)</u>	

Tank: A Phase I investigation identified that this site had USTs prior to 1976. However, no tanks or piping were removed during the current investigation, and there was no overexcavation of affected soils.

Piping

SEE SECTION VII FOR A DISCUSSION

Free Product

Soil

Purged water 495 gallons disposed to McKittrick 6/20/96

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued) Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before *	After*	Before**	After***
TPH (Gas)			2200	990
TPH (Diesel)			ND	790
Benzene			ND	6.5
Toluene			ND	7.7
Xylene			ND	22
Ethylbenzene			ND	14
TRPH (418.1)			9600	NA

Comments (Depth of Remediation, etc.): **SEE SECTION VII FOR A DISCUSSION**

* USTs were reportedly removed on 2/23/76; no soil samples were collected.

** from grab sample from SB5 in 10/93 (see Table 1 attached)

*** from MW1 during last QM (10/5/95)

Leaking Underground Fuel Storage Tank Program

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 Decommissioned: Not yet

Number Decommissioned: 0 Number Retained: 8

List enforcement actions taken: none

List enforcement actions rescinded: none

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Jennifer Eberle Title: Hazardous Materials Specialist

Signature: *J Eberle* Date: 3-29-96

Reviewed by

Name: Amy Leech Title: Hazardous Materials Specialist

Signature: *A Leech* Date: 03-29-96

Name: Tom Peacock Title: Manager

Signature: *T Peacock* Date: 4-2-96

VI. RWQCB NOTIFICATION

Date Submitted to RB: 4-5-96 RB Response: *Approved*

RWQCB Staff Name: Kevin Graves Title: AWRCE Date:

K Graves 4/25/96

Leaking Underground Fuel Storage Tank Program

VII. ADDITIONAL COMMENTS, DATA, ETC.

A Phase I was done for the Bank of the Orient, and presented in a report titled "Level I Environmental Site Assessment," by Blymyer, dated 10/27/92. See **Figure 1**. The site was apparently owned by Gulf Oil Corp. Between 1962 and 1974. However, the site apparently housed a gasoline station from at least 1933 until 1976. City of Oakland Fire Prevention records reportedly indicate that 3 USTs (10K, 8K, and 6K) were removed on 2/23/76. No sampling documentation for the UST removal could be found. Site maps dating back to 6/20/62 identify a waste oil UST and gasoline UST on this site. No physical evidence of USTs were observed at the site. The Bank of the Orient has owned the site since 1981.

A Phase II was done to determine if any USTs remained at the site, and if soil and groundwater had been impacted. The work was done by Blymyer and presented in the "Level II Environmental Site Assessment," dated 4/15/94. A geophysical survey, soil gas survey, and subsurface investigation were conducted. Five soil borings were advanced. There were five soil hits of TRPH or TPHg >100 ppm. See **Table 1 and Figure 2**. There was an anomolous concentration in one instance of 15,000 ppm TRPH, which was attributable to the presence of asphalt and tar material in the soil sample provided to the laboratory for analysis. The other 4 samples were in the range of 120 ppm to 190 ppm. No benzene was found in soil or water. TEX was ND except one hit each in trace concentrations. One grab water sample was collected. Results were 9,600 ppb TRPH, 2,200 ppb TPHg, and ND TPHd and ND BTEX. Priority Pollutant Metals were detected in all of the soil samples analyzed. See **Table 2**. There were 3 hits greater than 10 x the STLC concentrations (SB1 and SB3).

Five wells (MW1-5) and two soil borings (SB6 and SB7) were installed between December 1993 and February 1994. See **Figure 3**. In March 1994, two more wells (MW6 and MW7) were installed to the west of the parking lot site (see **Figure 3**). The soil results for MW6 and MW7 were ND for TPHg, TPHd and BTEX at 20'bgs, but contained BTEX (ND TPHg and TPHd) at 25'bgs. See **Table 3** Note that MW6 and MW7 have been consistently ND for hydrocarbons, except for 70 ppb TPHd in MW6 on 1/12/95. See **Table 4**

In June 1994, MW8 was installed in the assumed center of the former gasoline UST to assess the potentially highest area of soil and gw HC contamination. See **Figure 4**. Results from the soil sampling associated with these wells and borings is presented in **Table 3**. The maximum concentrations were: 5.3 ppm TPHg, 12 ppm TPHd, ND TRPH, 0.027 ppm benzene, 0.030 ppm toluene, 0.032 ppm Ebenzene, and 0.82 ppm xylene. Metals were also detected; only one hit was >10 x the STLC; 52 ppm Cr in MW5 at 15'bgs.

H2O2 injection was proposed in a workplan dated 8/11/94 by Terra Vac. Between 10/94 and 1/95, two injections were conducted of a total of 55 gal of 35% grade H2O2 into the groundwater. Blymyer prepared a "Letter Status Report, H2O2 Injection Pilot Test," dated 2/21/95, detailing the pilot test and results. The report concluded that the pilot test was effective in reducing the HC concentrations in gw, and recommended 3 more quarterly sampling events.

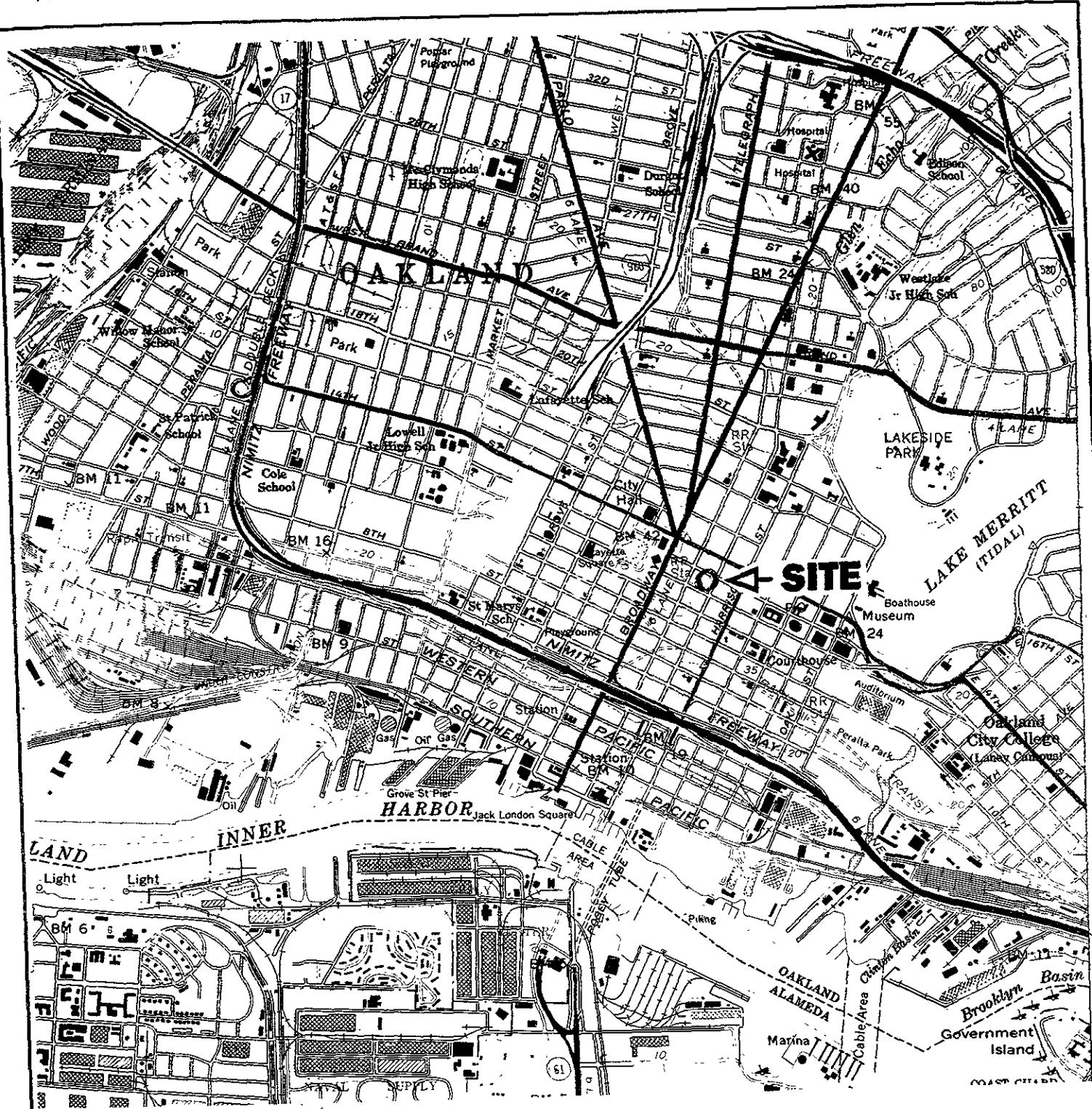
Leaking Underground Fuel Storage Tank Program

The hotspots of metals formerly detected in concentrations >10x the STLCs were resampled on 2/9/96. Results indicate that the metals were present in concentrations less than the respective STLC regulatory limits. Groundwater has been monitored and sampled from 12/93 through 10/95. See Table 4.

SITE CONCENTRATIONS WERE COMPARED TO ASTM RBSLs. Maximum groundwater concentrations from the most recent event (10/5/95) are 6.5 ppb benzene, 7.7 toluene, 14 ethylbenzene, 22 xylenes, 0.79 ppm TPHd. Blymyer used groundwater vapor to buildings pathway, residential, 10-6 risk. The RBSL for benzene is 7 ppb, for toluene is 32,800 ppb, for ethylbenzene is 77,500 ppb, for xylenes is ">S". $790 \text{ ppb TPHd} \times 0.0013 = 1.027 \text{ ppb naphthalene}$, which is < 4,740 ppb RBSL. $790 \text{ ppb TPHd} < "<S"$ for benzo(a)pyrene. So the maximum remaining groundwater concentrations are less than the RBSLs in the Tier 1 look up table from ASTM's RBCA guidance.

The maximum soil concentrations were not compared to RBSLs because they were from locations below the water table. Therefore, they could be considered dissolved in groundwater. So we use the groundwater concentrations instead.

Blymyer classified the site as "low risk," as per the RWQCB's Supplemental Instructions to SWRCB's 12/8/95 interim guidance letter. Without any other contradictory information, it is believed the USTs were removed from the site. The site has been adequately characterized. The maximum remaining groundwater concentrations are below MCLs or RBSLs. No drinking water wells, surface water, or other sensitive receptors are likely to be impacted. The site presents no significant risk to human health or to the environment. This case warrants closure.



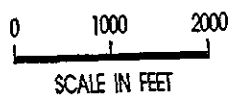
SOURCE: UNITED STATES GEOGRAPHICAL SURVEY 7.5 QUAD. "OAKLAND WEST CA" PHOTOREVISED 1980.



BLMYER
ENGINEERS, INC.

BEI

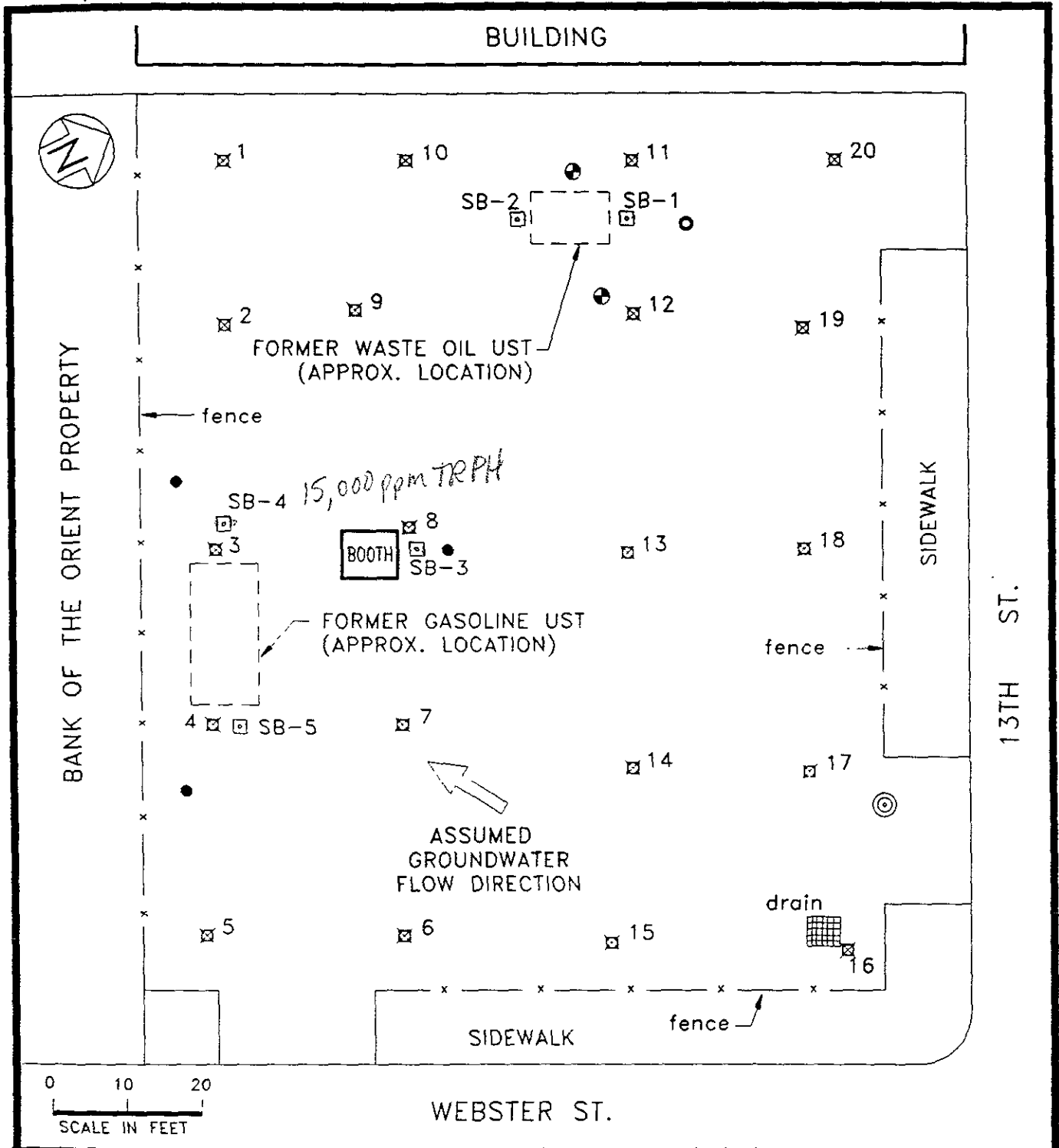
BEI JOB NO. 93145 DATE 3/24/94



SITE LOCATION MAP

CLIENT: BANK OF THE ORIENT
SITE: ALLRIGHT PARKING LOT
1225 WEBSTER ST./351 13TH ST.
OAKLAND, CA

FIGURE 1



BLYMYER ENGINEERS, INC.			LEGEND □ SOIL GAS SAMPLE □ SOIL BORE SAMPLE ● PHASE I PROPOSED MONITORING WELL ○ PHASE II PROPOSED SOIL BORE ○ PHASE II PROPOSED MONITORING WELL ⊙ POTENTIAL UPGRADIENT MONITORING WELL LOCATION	PROJECT BANK OF THE ORIENT OAKLAND, CA SOIL GAS & SOIL BORE SAMPLE LOCATIONS	FIGURE 2
BEI JOB NO. 93145	DATE 4/5/94				

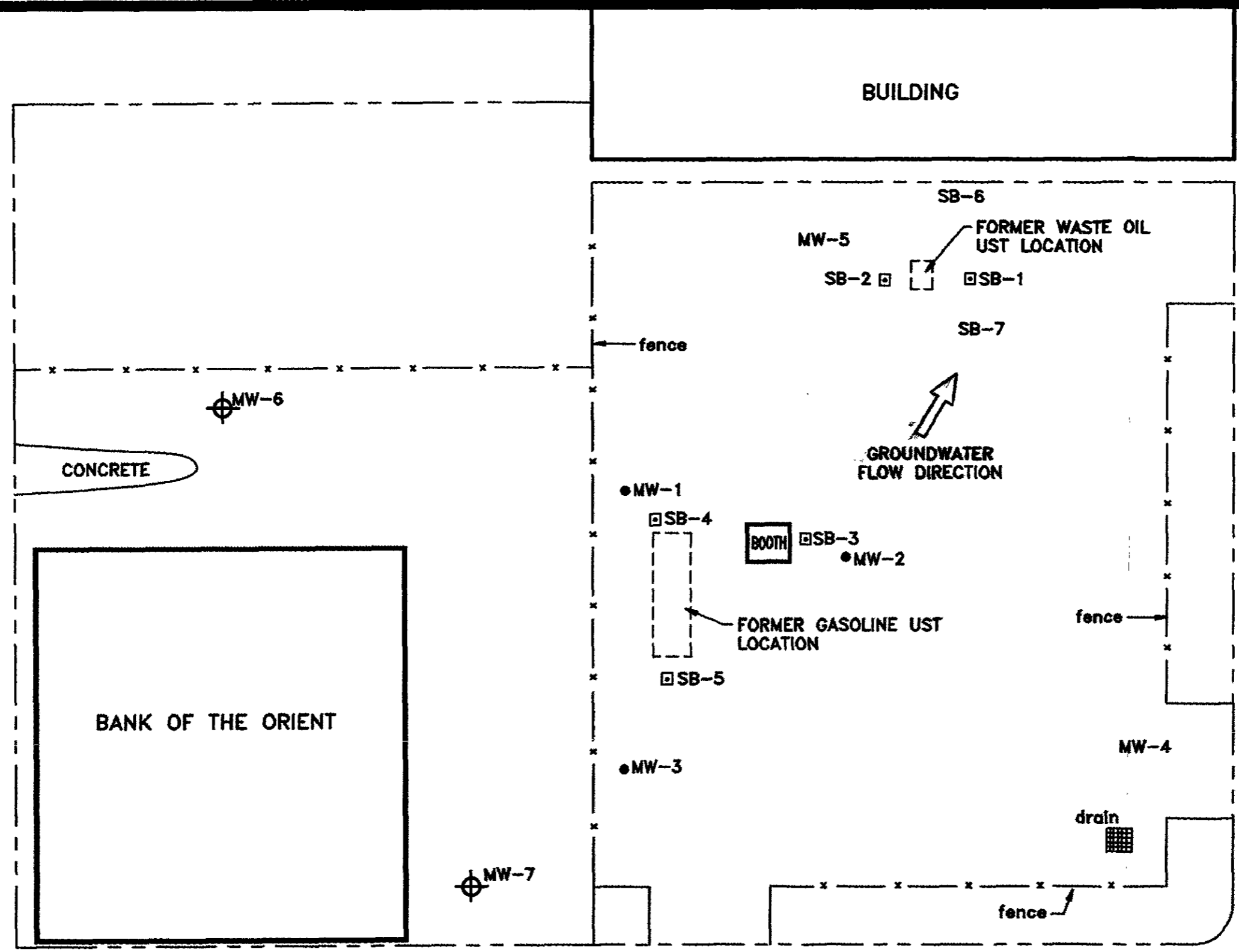
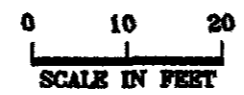


Fig 3

WEBSTER ST.

13TH ST.



BLMYER ENGINEERS, INC.		LEGEND — PHASE II SUBSURFACE INVESTIGATION — PHASE II SUBSURFACE INVESTIGATION — PHASE II ESA — PHASE III MONITORING WELLS	PROJECT BANK OF THE ORIENT OAKLAND, CA SITE PLAN
BEI JOB NO. 93183	DATE 4/18/94		

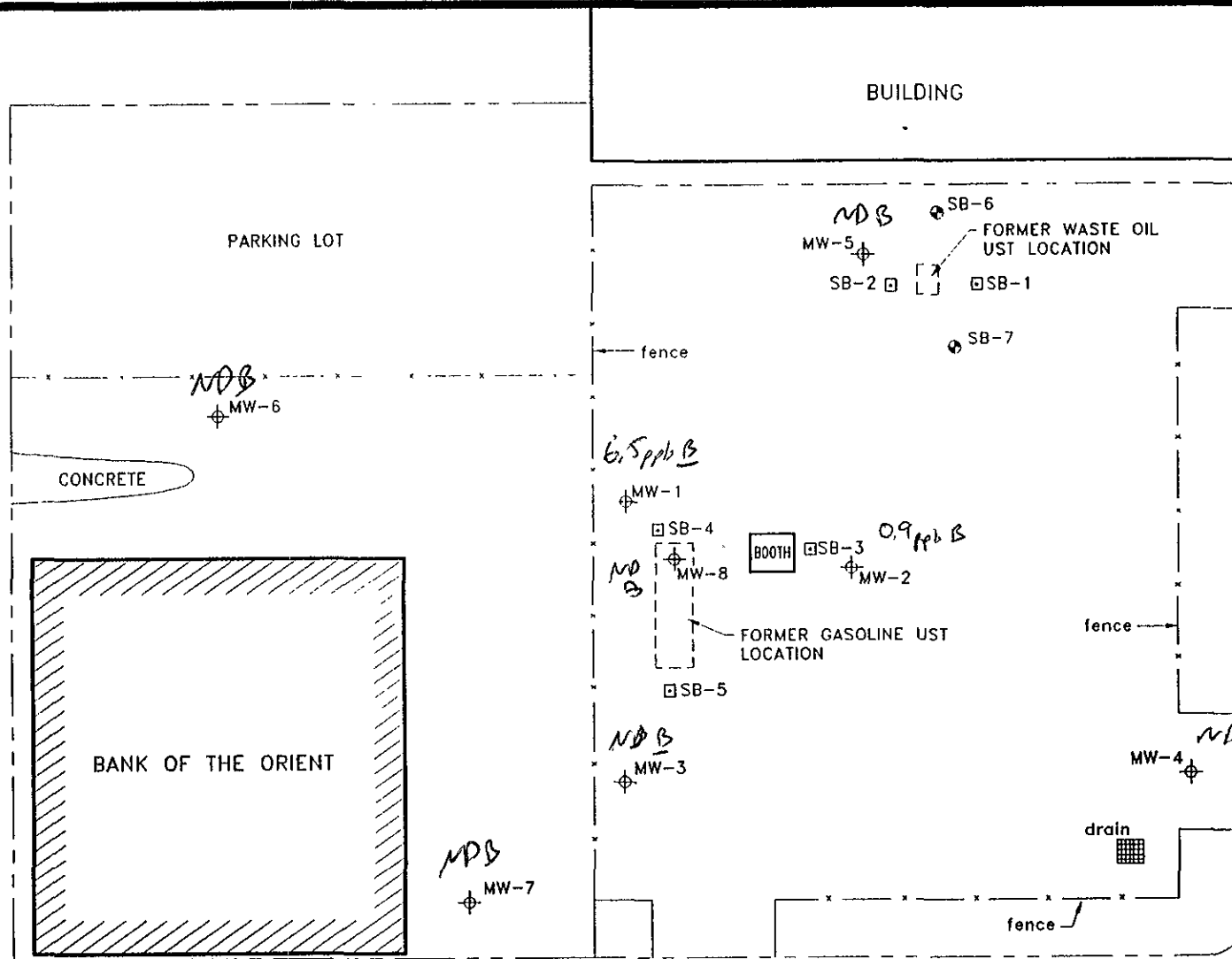
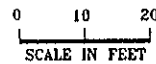


Fig 4

WEBSTER ST.



BLYMYER ENGINEERS, INC.		LEGEND MONITORING WELL	MONITORING WELL LOCATIONS BANK OF THE ORIENT OAKLAND, CA	FIGURE

Table 1: Summary of Soil and Groundwater Sample Analytical Results
Bank of the Orient
1225 Webster Street, Oakland, California
BEI Job No. 93145

Sample Identification	Sampling Depth (feet)	EPA Method 418.1	Modified EPA Method 8260		EPA Method 8020			
		TRPH [†] (mg/kg)	TPH-d [†] (mg/kg)	TPH-g [†] (mg/kg)	Benzene [‡] (mg/kg)	Toluene [‡] (mg/kg)	Ethylbenzene [‡] (mg/kg)	Xylenes [‡] (mg/kg)
SB-1	3	80	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-1	15	<10	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-2	3	40	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-2	15	<10	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-2	28	20	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-3	3	90	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-3	11	60	<5	2	<0.005	<0.005	<0.005	<0.005
SB-3	27.5	40	<100	150	<0.2	<0.2	<0.2	<0.2
SB-4	3	190	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-4	14	15,000	<5	2	<0.005	<0.005	<0.005	<0.005
SB-4	27.5	20	<50	160	<0.1	<0.1	0.4	0.8
SB-5	3	120	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-5	15	<10	<5	<1	<0.005	0.006	<0.005	<0.005
SB-5	27	20	<5	<1	<0.005	<0.005	<0.005	<0.005
SB-5***	--	9.6 mg/L	<200 µg/L	2200 µg/L	<2 µg/L	<2 µg/L	<2 µg/L	<2 µg/L

soil
↓
water

TRPH = Total Recoverable Petroleum Hydrocarbons
 TPH-g = Total Petroleum Hydrocarbons as gasoline
 mg/L = milligrams per liter

TPH-d = Total Petroleum Hydrocarbons as diesel
 mg/kg = milligrams per kilogram
 µg/L = micrograms per liter

[‡]Sample SB-5** is a groundwater sample.
[†]For results listed as <x, x represents the practical quantitation limit.
 Results in boldface show the detected concentrations.

**Table II: Summary of Soil and Groundwater Sample Analytical Results
for Priority Pollutant Metals
Bank of the Orient
1225 Webster Street, Oakland, California
BEI Job No. 93145**

Sample Identification	Depth (feet)	EPA Method (mg/kg) [‡]												
		7041	7060	6010	7131	6010	6010	7421	7470	6010	7740	7760	7841	6010
		Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
SB-1	3	<0.5	3.6	<0.5	<0.5	38	53	430	5.6	36	<0.5	2.3	5	170
SB-1	15	<0.5	0.6	<0.5	<0.5	40	8.7	6	0.019	28	<0.5	0.5	<5	26
SB-2	3	<0.5	4.6	<0.5	<0.5	30	13	35	0.13	32	<0.5	0.7	7	79
SB-2	28	<0.5	3.3	<0.5	<0.5	25	13	4	0.005	28	<0.5	0.4	<5	21
SB-3	3	<0.5	9.6	<0.5	<0.5	110	17	23	0.25	73	<0.5	0.9	7	54
SB-3	27.5	<0.5	1.6	<0.5	<0.5	39	3.1	5	0.008	28	<0.5	0.4	<5	15
SB-4	3	<0.5	3.9	<0.5	<0.5	48	16	26	0.15	73	<0.5	1.0	8	48
SB-4	27.5	<0.5	9.9	<0.5	<0.5	37	150	17	0.029	57	<0.5	0.8	6	130
SB-5	3	<0.5	6.9	<0.5	<0.5	38	7.4	24	0.20	27	<0.5	0.7	<5	38
TTL		500	500	75	100	2500	2500	1000	20	2000	100	500	700	5000
10 x STLC		150	50	7.5	10	50	250	50	2	200	10	50	70	2500
STLC		15	5	0.75	1	5	25	5	0.2	20	1	5	7	250
SB-5** [§]		<0.005	0.012	<0.05	0.001	0.11	<0.05	0.012	<0.0002	0.29	<0.005	<0.01	<0.01	0.1

mg/kg = milligrams per kilogram
TTL = Total Threshold Limit Concentration (units are mg/kg)

mg/L = milligrams per liter
STLC = Soluble Threshold Limit Concentration (units are mg/L)

[§]Sample SB-5** is a groundwater sample (Results are expressed in mg/L).

[‡]For results listed as <x, x represents the practical quantitation limit.

Shaded portions of the table show the TTL and STLC values established in CCR Title 26.
Results in boldface indicate results that were above 10 x STLC.

Table 3

Table 1. Summary of Soil Sample Analytical Results
 BEI Job No. 93183, Allright Parking Lot
 1225 Webster Street, Oakland, CA

Sample ID	Date Sampled	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7471	EPA Method 7740
		TPH as Gasoline	TPH as Diesel	TRPH	BTEX ppb	Ba	Cd	Cr	Se	Ar	Pb	Hg	Ag
MW-1 20'	12/18/93	<1	2.1	<15	ND	39	<0.5	39	<5	<5	<5	<0.1	<0.5
MW-1 30'	12/18/93	1.8	2.6	<15	E: 6	27	<0.5	26	<5	<5	<5	<0.1	<0.5
MW-2 25'	12/18/93	5.3	3.3	<15	E: 30 X: 10	74	0.58	46	<5	<5	<5	<0.1	<0.5
MW-2 30'	12/18/93	<1	<1	<15	ND	33	<0.5	30	<5	<5	<5	<0.1	<0.5
MW-3 20'	12/18/93	<1	<1	<15	ND	36	<0.5	41	<5	<5	<5	<0.1	2.5
MW-3 30'	12/18/93	<1	<1	<15	ND	34	<0.5	39	<5	<5	<5	0.15	<0.5
MW-4 20'	2/12/94	<1 ✓	<1 ✓	NA	ND ✓	39	<0.5	46	<5	<5	<5	<0.1	<0.5
MW-4 25'	2/12/94	<1 ✓	<1 ✓	NA	ND ✓	41	<0.5	37	<5	<5	<5	<0.1	<0.5
MW-5 15'	2/12/94	<1 ✓	<1 ✓	NA	ND ✓	36	<0.5	(52)	<5	<5	<5	<0.1	<0.5
MW-5 25'	2/12/94	<1 ✓	<1 ✓	NA	ND ✓	36	<0.5	41	<5	<5	<5	<0.1	<0.5
SB-6 5'	2/12/94	NA	NA	NA	NA	33	<0.5	43	<5	<5	<5	<0.1	<0.5

Table 3

Table 1, Summary of Soil Sample Analytical Results
 BEI Job No. 93183, Allright Parking Lot
 1225 Webster Street, Oakland, CA

Sample ID	Date Sampled	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7471	EPA Method 7740
		TPH as Gasoline	TPH as Diesel	TRPH	BTEX ppb	Ba	Cd	Cr	Se	Ar	Pb	Hg	Ag
SB-6 10'	2/12/94	NA	NA	NA	NA	43	<0.5	39	<5	<5	<5	<0.1	<0.5
SB-7 5'	2/12/94	NA	NA	NA	NA	32	<0.5	41	<5	<5	<5	<0.1	<0.5
SB-7 10'	2/12/94	NA	NA	NA	NA	45	<0.5	40	<5	<5	<5	<0.1	<0.5
MW-6 20'	3/27/94	<1 ✓	<1 ✓	NA	ND ✓	NA	NA	NA	NA	NA	NA	NA	NA
MW-6 25'	3/27/94	<1 ✓	<1 ✓	NA	B: 12 ✓ T: 14 ✓ E: 14 ✓ X: 34 ✓	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 20'	3/27/94	<1 ✓	<1 ✓	NA	ND ✓	NA	NA	NA	NA	NA	NA	NA	NA
MW-7 25'	3/27/94	<1 ✓	<1 ✓	NA	B: 27 ✓ T: 30 ✓ E: 32 ✓ X: 82 ✓	NA	NA	NA	NA	NA	NA	NA	NA
MW-8 13'	6/25/94	<1 ✓	12 ✓	<50 ✓	ND ✓	NA	NA	NA	NA	NA	NA	NA	NA
MW-8 25'	6/25/94	<1 ✓	1.6 ✓	<50 ✓	T: 23 ✓	NA	NA	NA	NA	NA	NA	NA	NA
STLC		NA	NA	NA	NA	100	1	5	1	5	5	0.2	5

Table 3

Table 1, Summary of Soil Sample Analytical Results BEI Job No. 93183, Allright Parking Lot 1225 Webster Street, Oakland, CA													
Sample ID	Date Sampled	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7471	EPA Method 7740
		TPH as Gasoline	TPH as Diesel	TRPH	BTEX	Ba	Cd	Cr	Se	Ar	Pb	Hg	Ag
10 x STLC		NA	NA	NA	NA	1,000	10	50	10	50	50	2	50
TTL		NA	NA	NA	NA	10,000	100	2,500	100	500	1,000	20	500

Notes:

- TPH = Total Petroleum Hydrocarbons
- BTEX = Benzene, Toluene, Ethylbenzene, Total Xylenes
- STLC = Soluble Threshold Limit Concentration
- TTL = Total Threshold Limit Concentration
- ND = concentrations not detected above the analytical method reporting limit
- NA = not applicable
- Ba = Barium
- Cd = Cadmium
- Cr = Chromium
- Se = Selenium
- Ar = Arsenic
- Pb = Lead
- Hg = Mercury
- Ag = Silver
- <x = concentrations not detected greater than the analytical method reporting limit x

All results measured in milligrams per kilogram (mg/kg).

Table 4

Table 1. Summary of Groundwater Sample Analytical Results BEI Job No. 93183, Allright Parking Lot 1225 Webster Street, Oakland, CA												
Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-1 <i>Hydro</i> <i>Vol</i>	12/30/93	3.5	11	5.9	B: 31 E: 100	<0.1	<0.01	<0.01	<0.005	<0.005	<0.005	<0.01
	2/20/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/1/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/1/94	1.9	2.2	NA	B: 31 T: 2.6 E: 10 X: 6.8	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94 *	2.4	2.4	NA	B: 6.6 T: 2.3 E: 5.6 X: 16	NA	NA	NA	NA	NA	NA	NA
	11/4/94	0.42	1.1	NA	B: 2.3 T: 1.1 E: 17 X: 1.9	NA	NA	NA	NA	NA	NA	NA
	1/11/95	0.14 ↓	0.5 ↓	NA	E: 0.7 ↓	NA	NA	NA	NA	NA	NA	NA
	4/4/95	0.18 ↑	0.16 ↓	NA	B: 1 T: 0.8 E: 2.3 X: 2.1	NA	NA	NA	NA	NA	NA	NA

Table 4

Table 1. Summary of Groundwater Sample Analytical Results BEI Job No. 93183, Allright Parking Lot 1225 Webster Street, Oakland, CA												
Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-1	7/12/95	0.9 ↑	0.37+ ↑	NA	B: 1.9 ↑ T: 4.8 E: 15 X: 9.2	NA	NA	NA	NA	NA	NA	NA
	10/5/95	0.99 ↑	0.79** ↑	NA	B: 6.5 ↑ T: 7.7 E: 14 X: 22	NA	NA	NA	NA	NA	NA	NA
MW-2	12/30/93	2	12	5.8	B: 18 E: 14	<0.1	<0.01	<0.01	0.0055	0.0061	<0.005	<0.01
	2/20/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/1/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/1/94	1.1	2.6	NA	B: 1.4 E: 4.6 X: 4.1	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94 *	2.1	1.3	NA	B: 12 T: 1.6 E: 32 X: 10	NA	NA	NA	NA	NA	NA	NA
	11/4/94	0.38	0.91	NA	B: 7.2 T: 2.9 E: 3.9 X: 3.6	NA	NA	NA	NA	NA	NA	NA

Table 1

Table 1. Summary of Groundwater Sample Analytical Results
 BEI Job No. 93183, Allright Parking Lot
 1225 Webster Street, Oakland, CA

Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-2	1/11/95	<0.05	0.23	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	4/4/95	<0.05	0.67**	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/12/95	0.16	0.16+	NA	B: 1.4 E: 2.8 X: 2.1	NA	NA	NA	NA	NA	NA	NA
	10/5/95	0.29 ↑	0.48** ↑	NA	T: 0.9 E: 5.0 X: 4.6	NA	NA	NA	NA	NA	NA	NA
MW-3	12/30/93	0.062	0.430	<5	<0.5	<0.1	<0.01	<0.01	0.005	<0.005	<0.005	0.01
	2/20/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/1/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/1/94	0.090	0.240	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/4/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/11/95	<0.05	0.1**	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	4/4/95	<0.05	0.78**	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/12/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
10/5/95	<0.05	0.18**	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	

Table 4

Table I. Summary of Groundwater Sample Analytical Results
 BEI Job No. 93183, Allright Parking Lot
 1225 Webster Street, Oakland, CA

Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-4	2/20/94	<0.05	<0.05	<5	<0.5	<0.1	<0.1	<0.1	<0.005	<0.005	<0.005	<0.01
	4/1/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/1/94	0.080	0.070	NA	E: 0.7	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/4/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/11/95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/4/95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/12/95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/5/95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	2/20/94	<0.05	<0.05	<5	<0.5	<0.1	<0.01	<0.01	<0.005	<0.005	<0.005	<0.01
	4/1/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/1/94	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/4/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/11/95	<0.05	0.09	NA	<0.5	NA	NA	NA	NA	NA	NA	NA

Table 4

Table 1. Summary of Groundwater Sample Analytical Results BEI Job No. 93183, Allright Parking Lot 1225 Webster Street, Oakland, CA												
Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-5	4/4/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/12/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	10/5/95	<0.05	0.18**	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
MW-6	4/1/94	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	6/1/94	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/4/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/95	<0.05	0.07	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	4/5/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/12/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	10/6/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
MW-7	6/1/94	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/6/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/14/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/4/94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/95	<0.05	0.12	NA	<0.5	NA	NA	NA	NA	NA	NA	NA

Table 4

Table 4. Summary of Groundwater Sample Analytical Results BEI Job No. 93183, Allright Parking Lot 1225 Webster Street, Oakland, CA												
Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-7	4/5/95	<0.05	<0.07	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	7/12/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	10/6/95	<0.05	<0.05	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
MW-8	7/6/94	0.74	0.37	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	10/14/94 *	1.5	0.7	NA	B: 1.3 T: 1.8 E: 120 X: 28	NA	NA	NA	NA	NA	NA	NA
	11/4/94	0.07	0.45	NA	B: 0.6 E: 1.4	NA	NA	NA	NA	NA	NA	NA
	1/11/95	<0.05	0.2	NA	<0.5	NA	NA	NA	NA	NA	NA	NA
	4/5/95	<0.05	0.66**	NA	E: 1.8 X: 1.5	NA	NA	NA	NA	NA	NA	NA



Table 4

Table 1. Summary of Groundwater Sample Analytical Results BEI Job No. 93183, Allright Parking Lot 1225 Webster Street, Oakland, CA												
Sample ID	Date	Modified EPA Method 8015		EPA Method 418.1	EPA Method 8020	EPA Method 6010				EPA Method 7060	EPA Method 7421	EPA Method 7740
		TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	BTEX (µg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Selenium (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Silver (mg/L)
MW-8	7/12/95	0.23	0.18+	NA	T: 1.1 E: 6.9 X: 2.9	NA	NA	NA	NA	NA	NA	NA
	10/6/95	0.33 ↑	0.46** ↑	NA	T: 1.3 E: 4.8 X: 5.8	NA	NA	NA	NA	NA	NA	NA
MCLs		NE	NE	NE	B: 1.0 E: 150 E: 700 X: 1,750	1	0.05	0.05	0.05	0.05	0.05	0.05

- Notes:
- TRPH = Total Recoverable Petroleum Hydrocarbons
 - BTEX = Benzene, Toluene, Ethylbenzene, Total Xylenes
 - mg/L = milligrams per liter
 - MCLs = Maximum Contaminant Levels
 - <x = concentrations not detected above the analytical method reporting limit x
 - * = grab groundwater sample
 - ** = results appear to be lighter than or uncharacteristic of diesel fuel
 - NA = not analyzed
 - NE = not established
 - NS = not sampled
 - µg/L = micrograms per liter
 - TPH = Total Petroleum Hydrocarbons

A groundwater sample collected on April 29, 1994, from monitoring well MW-2 contained 490 mg/L of Total Dissolved Solids.