

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



August 8, 1997  
STID 4045

Brad Statley  
RMC Lonestar  
PO Box 5252  
Pleasanton CA 94566

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

**REMEDIAL ACTION COMPLETION CERTIFICATION**

RE: Walker's Concrete, 2400 Peralta St., Oakland CA 94607  
Case File Number 4045

Dear Mr. Statley,

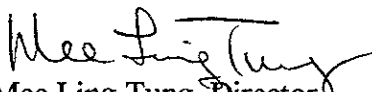
This letter confirms the completion of site investigation and remedial action for the underground storage tanks formerly located at the above referenced site. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks is 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, Division 3, Chapter 16, 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: Kevin Graves, RWQCB  
Dave Deaner, SWRCB, UST Cleanup Fund Program  
Attn: Leroy Griffin, Supervisor, Hazardous Materials Program, City of Oakland, Fire  
Services Agency, 505-14th St., suite 702, Oakland CA 94612  
Long Ching, All West, One Sutter St., Suite 600, San Francisco CA 94104  
~~Jennifer Eberle (3 copies of letter only)~~

LOP/Completion  
je.4045clos.let

ALAMEDA COUNTY  
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



August 8, 1997  
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page 1 of 2

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Brad Statley  
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RE: **CASE CLOSURE**

two underground storage tanks (8,000-gallon diesel and one unknown sized, possible 1,000-gallon gasoline)  
Walker's Concrete, 2400 Peralta St., Oakland CA 94607

Dear Mr. Statley,

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 (SWRCB) adopted this letter on 2/20/97. As of 3/1/97, Alameda County Health Care Services Agency, Environmental Health Services, Local Oversight Program 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.**

**SITE INVESTIGATION AND CLEANUP SUMMARY:**

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

- \* Two parts per million (ppm) Total Petroleum Hydrocarbons as Diesel (TPH-d) and 32 parts per million (ppm) Total Petroleum Hydrocarbons motor oil (TPH-mo) remain *in the native soil* from borings around the USTs.

If you have any questions, please contact me at 510-567-6782. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tom Peacock', written in a cursive style.

Tom Peacock  
Supervisor, Local Oversight Program

August 8, 1997  
STID 4045  
page 2 of 2  
Brad Statley

Enclosures:

1. Case Closure Letter
2. Case Closure Summary

cc: Long Ching, All West, One Sutter St., Suite 600, San Francisco CA 94104  
Attn: Leroy Griffin, Supervisor, Hazardous Materials Program, City of Oakland, Fire  
Services Agency, 505-14th St., suite 702, Oakland CA 94612  
Jennifer Eberle (3 copies of letter only)

CONFIDENTIAL  
97 APR 31 PM 3:08

\* 01-2218  
Need To  
input

**CASE CLOSURE SUMMARY**  
**Leaking Underground Fuel Storage Tank Program**

**I. AGENCY INFORMATION**

**Date: 3/14/97**

Agency name: **Alameda County-HazMat** Address: **1131 Harbor Bay Pky**  
City/State/Zip: **Alameda CA 94502** Phone: **(510) 567-6700**  
Responsible staff person: **Jennifer Eberle** Title: **Hazardous Materials Spec.**

**II. CASE INFORMATION**

Site facility name: **Walker's Concrete**  
Site facility address: **2400 Peralta St., Oakland CA 94607**  
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **4045**  
ULR filing date: **SWEEPS No: N/A**

**Responsible Parties:** **Addresses:** **Phone Numbers:**  
Brad Statley, RMC Lonestar, PO Box 5252, Pleasanton CA 94566

510-426-8787

<u>Tank No:</u>	<u>Size in gal:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	8,000 gal	diesel	closed in place	11/2/93
2	unknown (possibly 1,000 gal)	gasoline	closed in place	11/2/93

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: unknown  
Site characterization complete? **YES**  
Monitoring Wells installed? **YES** Number: **1**  
Proper screened interval? **Yes**  
Highest GW depth below ground surface: approximately 6.5' bgs  
Lowest GW depth: approximately 12'bgs  
Flow direction: unknown; presumed NW  
Most sensitive current use at present: **Concrete plant**  
Are drinking water wells affected? **NO** Aquifer name: **n/a**  
Is surface water affected? **Probably not** Nearest SW name: **SF Bay**  
Off-site beneficial use impacts (addresses/locations): **n/a**  
Report(s) on file? **YES** Where is report(s) filed?  
**Alameda County, Environmental Health, 1131 Harbor Bay Pky, Alameda CA 94502-6577**

## Leaking Underground Fuel Storage Tank Program

### Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> <u>of Disposal w/destination)</u>	<u>Date</u>
Tank	n/a		
Soil	n/a		
Groundwater	n/a		
Product in USTs	275 gal	disposed by H&H HW manifest #92221126	11/2/93

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

Contaminant	Soil (ppm)		Water (ppb)	
	Before*	After**	Before^	After^^
TPH (Gas)	ND	ND	ND	ND
TPH (Diesel)	ND	2.0	NA	ND
Benzene	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
Xylene	ND	ND	ND	ND
Lead	36	ND	11,000	ND#
TPH-motor oil	NA	32	NA	ND##

\* soil samples collected from borings around USTs drilled on 11/2/93; see Table 1

\*\* soil samples collected from borings around USTs drilled in June 1994; see Table 2

^ grab water sample collected from borings drilled on 11/2/93; see Table 1

^^ MW samples collected during last event on 10/8/96; see Table 5

# MW samples collected on 9/20/95; see Table 5

## MW samples collected on 3/7/96; see Table 5

## 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; waiting for RWQCB signoff

Number Decommissioned: 0                      Number Retained: 1

List enforcement actions taken: none

List enforcement actions rescinded: none

### V. ADDITIONAL COMMENTS, DATA, ETC.

The subject site is located in West Oakland. See **Figure 1**. Two USTs were located beneath the sidewalk along Peralta St. See **Figure 2**.

Two fuel USTs were closed in place in 1993 due to the proximity of high voltage lines. Gary Collins of OFD concurred with this plan. Scott Seery of Alameda County also accepted the in-place closure via letter dated 9/8/93. On 11/2/93, Eva Chu of Alameda County witnessed the installation of borings around the USTs. Five borings were attempted; resistance was encountered at 5' bgs in SB1 and SB2. One water sample was collected from boring SB2A at 10' bgs. A sheen and strong hydrocarbon odor were noted in the water sample. It was suspected that the water was perched. The water sample contained 11 mg/L Pb, and was ND for TPHg and BTEX. There was not enough water present for a TPHd sample. All soil samples were ND for TPHg, TPHd, and BTEX. One soil sample contained 36 ppm Pb; this was the same boring from which the elevated lead water sample was collected (SB2A). See **Figure 3 and Table 1**. On 11/2/93, H&H pumped out approximately 275 gallons of liquid from the USTs.

The County requested a workplan for further site characterization by letter dated 2/22/94. All West submitted the workplan, and installed 4 soil borings in June 1994. Groundwater was encountered at 7' and at 12.5' bgs. Again it was surmised that gw at 7' bgs is perched. See **Figure 4 and Tables 2 and 3**. Soil was ND for total lead, TPHg, and BTEX. Soil boring SB4 contained 2.0 ppm TPHd and 3.8 ppm TPH-mo at 5' bgs, while SB2 contained 32 ppm TPH-mo at 5' bgs. Two "grab" water samples were also collected. Water from SB1 contained 410 ppb TPHd, and was ND for TPH-mo, total lead, TPHg and BTEX. Water from SB4 contained 770 ppb TPHd, 1,800 ppb Total lead, 71 ppb TPHg, 0.3 ppb benzene, and some TEX.

## Leaking Underground Fuel Storage Tank Program

J. Eberle of Alameda County phoned the analytical laboratories on 10/28/94 to find out if the water samples were filtered for lead. David Duong from Priority Env. Lab indicated the water sample (11 ppm) taken on 11/2/93 was indeed filtered by the lab. Tim Cleary of California Lab Service said the water sample (1.8 ppm) taken on 6/10/94 was not filtered. This is the opposite of what we expected; these results are anomalous. The MCL for lead is 0.05 ppm or 50 ppb. Both samples exceeded the MCL. The presence of elevated concentrations of lead in the absence of hydrocarbons (sample SB2A in November 1993), or in the presence of relatively low hydrocarbon concentrations (sample SB4 in June 1994) suggests that the lead is not related to the USTs.

The County requested a workplan for further site characterization by letter dated 2/16/95. All West submitted the workplan, and installed one monitoring well on 9/15/95. The well was located approximately 7 feet to the NW of the gasoline UST, and approximately 10 feet to the W-SW of the diesel UST. The groundwater gradient was determined to be NW, based on the file for Kantor's warehouse at 2525 Cypress St., as well as overall regional gradient. **See Figure 5.** Soils encountered were clays. **See Figure 6.** First groundwater was encountered at 8'bgs, while static groundwater was noted at 9'bgs (2/23/96 letter from All West). The well was screened from 6.5' to 20'bgs. Soil samples were collected at 5' intervals. Results indicate ND TPHg, ND toluene, ND ethylbenzene in all four samples. TPH-d concentrations ranged from 1.6 mg/kg to 510 mg/kg. Benzene was found in only one sample (10'bgs) at 0.011 mg/kg. Xylenes were found in only one sample at 0.0069 mg/kg. Total lead concentrations ranged from 3 to 120 mg/kg. **See Table 4.**

Groundwater was sampled on 9/20/95, 3/7/96, 6/24/96, 10/8/96, and 1/30/97. **See Table 5.** Results indicated ND TPHg and BTEX for the last 4 quarters, and ND TPHd for the last 3 quarters. TPH-motor oil and lead were also ND on the one occasion they were analyzed.

The threat to human health was evaluated as follows: The lack of BTEX in groundwater indicates there is likely no significant risk to human health. Out of 16 soil samples collected, only two contained any BTEX. These are samples B-1-5' and B-1-10' (collected on 9/15/95). Their BTEX concentrations included 0.011 mg/kg benzene and 0.0069 mg/kg xylenes. These concentrations were compared to the Tier 1 look up table in the American Society of Testing and Materials' (ASTM) "Risk Based Corrective Action Applied at Petroleum Release Sites," document E1739-95. The site benzene concentration of 0.011 mg/kg is less than the Risk Based Screening Levels (RBSLs) for 1) the "soil to outdoor air" pathway, commercial scenario, 10-6 target level (0.13 mg/kg); and 2) the "soil to indoor air" pathway, commercial scenario, 10-5 target level (0.049 mg/kg). Xylenes present in any concentration are not a threat, according to the "RES" notation in the Tier 1 look up table.

## Leaking Underground Fuel Storage Tank Program

To summarize, the reasons that this case should be closed are as follows:

- \* The source has been removed (275 gallons of product from the USTs), and the USTs were grouted in place;
- \* The site has been adequately characterized;
- \* The groundwater has been ND for BTEX and TPHg for the last 4 quarters and ND TPHd for the last 3 quarters, while TPH-mo and lead were also ND on the one occasion they were analyzed;
- \* There are no sensitive environmental receptors in the site vicinity: the estuary lies approximately 5,000 feet from the site (a significant and unlikely distance for a hydrocarbon plume to travel);
- \* The lack of BTEX in groundwater indicates there is no significant risk to human health;
- \* BTEX concentrations detected in soil pose no significant risk to human health, as per the ASTM guidance; and
- \* The owner should notify the appropriate agencies if there is a proposal for a change in land use, site activity, or structural configuration of the site (e.g. new construction or excavation activities).

### VI. LOCAL AGENCY REPRESENTATIVE DATA

Name: Jennifer Eberle Title: Hazardous Materials Specialist

Signature:  Date: 3-24-97

#### Reviewed by

1) Name: Kevin Tinsley Title: Hazardous Materials Specialist

Signature:  Date: 3-25-97

2) Name: Amy Leech Title: Hazardous Materials Specialist

Signature:  Date: 3-24-97

3) Name: Tom Peacock Title: Manager of LOP


Signature:  Date: 3-28-97

### VII. RWQCB NOTIFICATION

Date Submitted to RWQCB: 3-28-97 RWQCB Response: 

RWQCB Staff Name: Kevin Graves Date: 4/21/97

Associate Water Resources Control Engineer

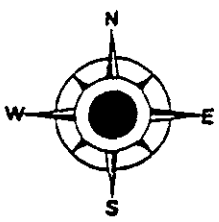
 Page 5 of 5





Subject Site

OAKLAND



Scale: 1 inch = 2000 Feet



**AllWest**  
AllWest Environmental, Inc.

July  
1994

Site  
Vicinity  
Map

Project  
94071.23

Figure  
*1*

2400 Peralta Street,  
Oakland, California

Source  
CA DOT



WALKER'S  
CONCRETE  
BATCH PLANT

fence line

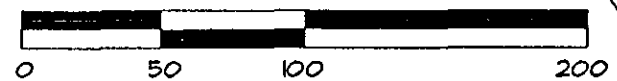
FORMER DIESEL UST

FORMER GASOLINE UST

24TH STREET

PERALTA STREET

scale in feet



**AllWest**  
AllWest Environmental, Inc.

July 1994

Site Plan  
Depicting Former  
UST Locations

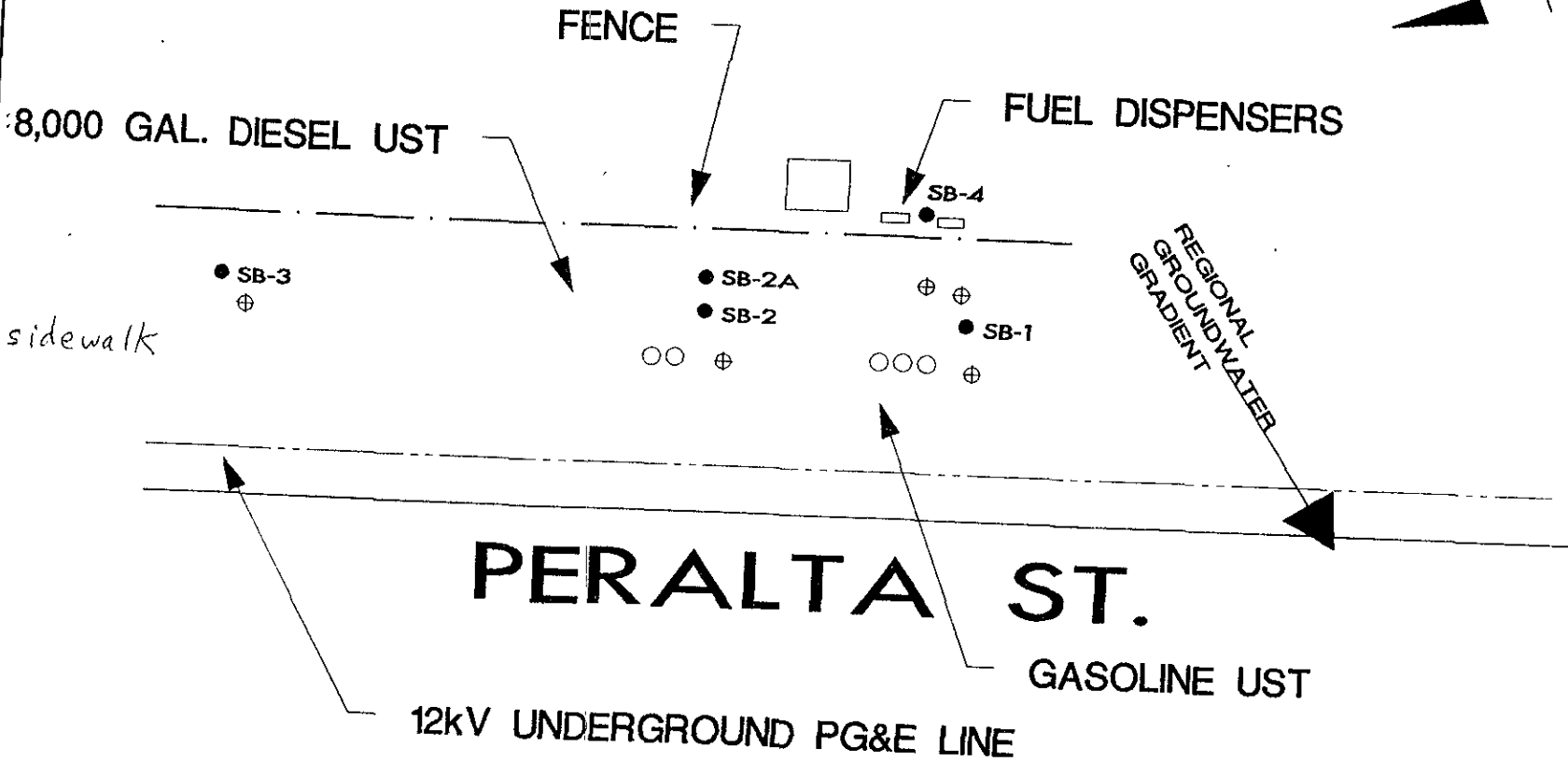
Project 94071.23

Figure # 2

2400 Peralta Street,  
Oakland, California

Source  
*RMC Lonestar*

11-2-93



sidewalk

10' samples

Fig. 3

- UST FILL RISER
- SOIL BORING LOCATION
- ⊕ ATTEMPTED SOIL BORING LOCATION

RMC LONESTAR

6601 KOLL CENTER PARKWAY-P.O. BOX 5252-PLEASANTON CALIFORNIA 94566

~~FIGURE 3~~ SOIL BORING LOCATIONS  
2400 PERALTA ST., OAKLAND, CA

DATE	SCALE	DRAWN	FILE	DRAWING NUMBER	REV
1-25-94	1"=10'	STATLEY	WALKFIG3		

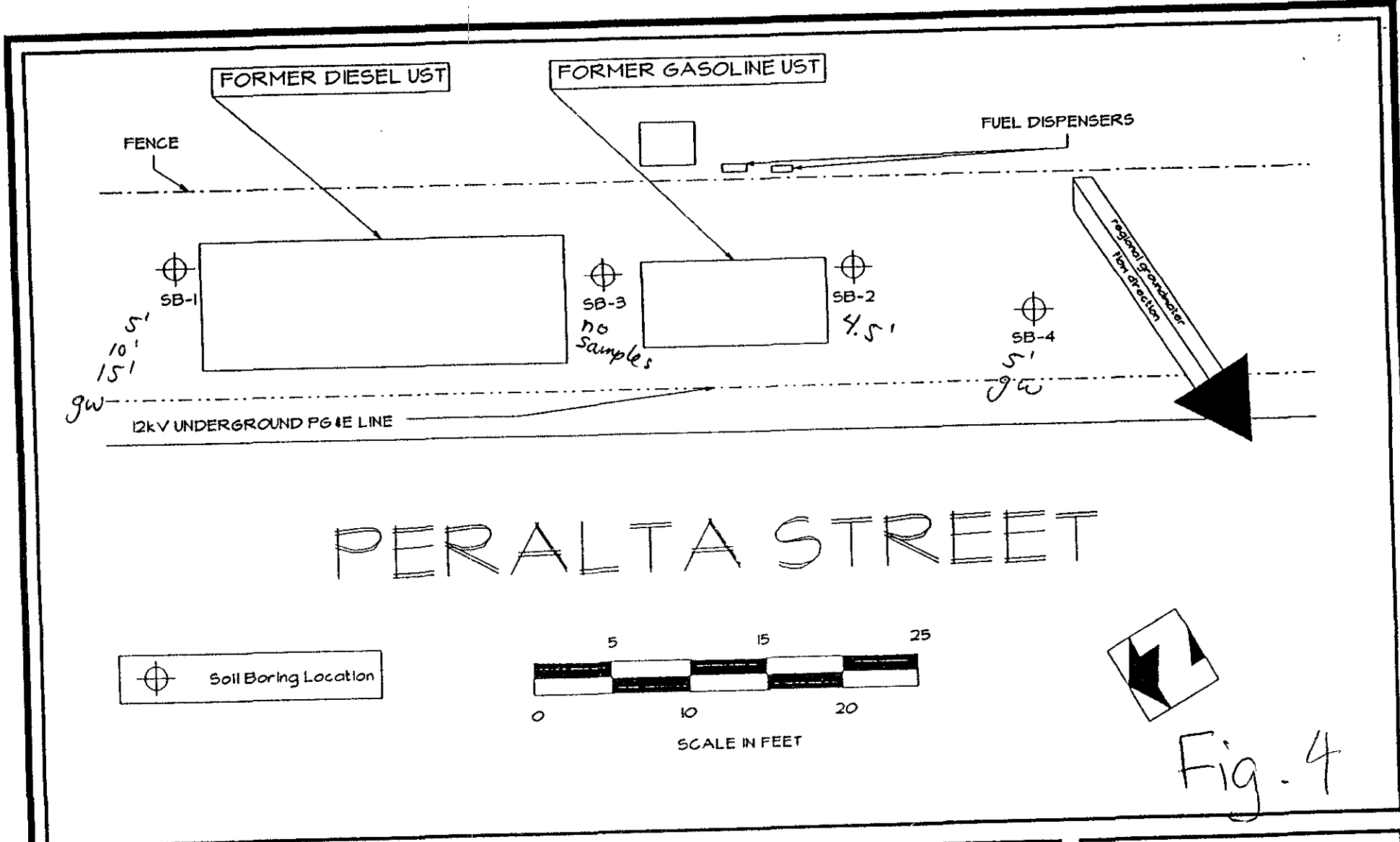


Fig. 4



July 1994

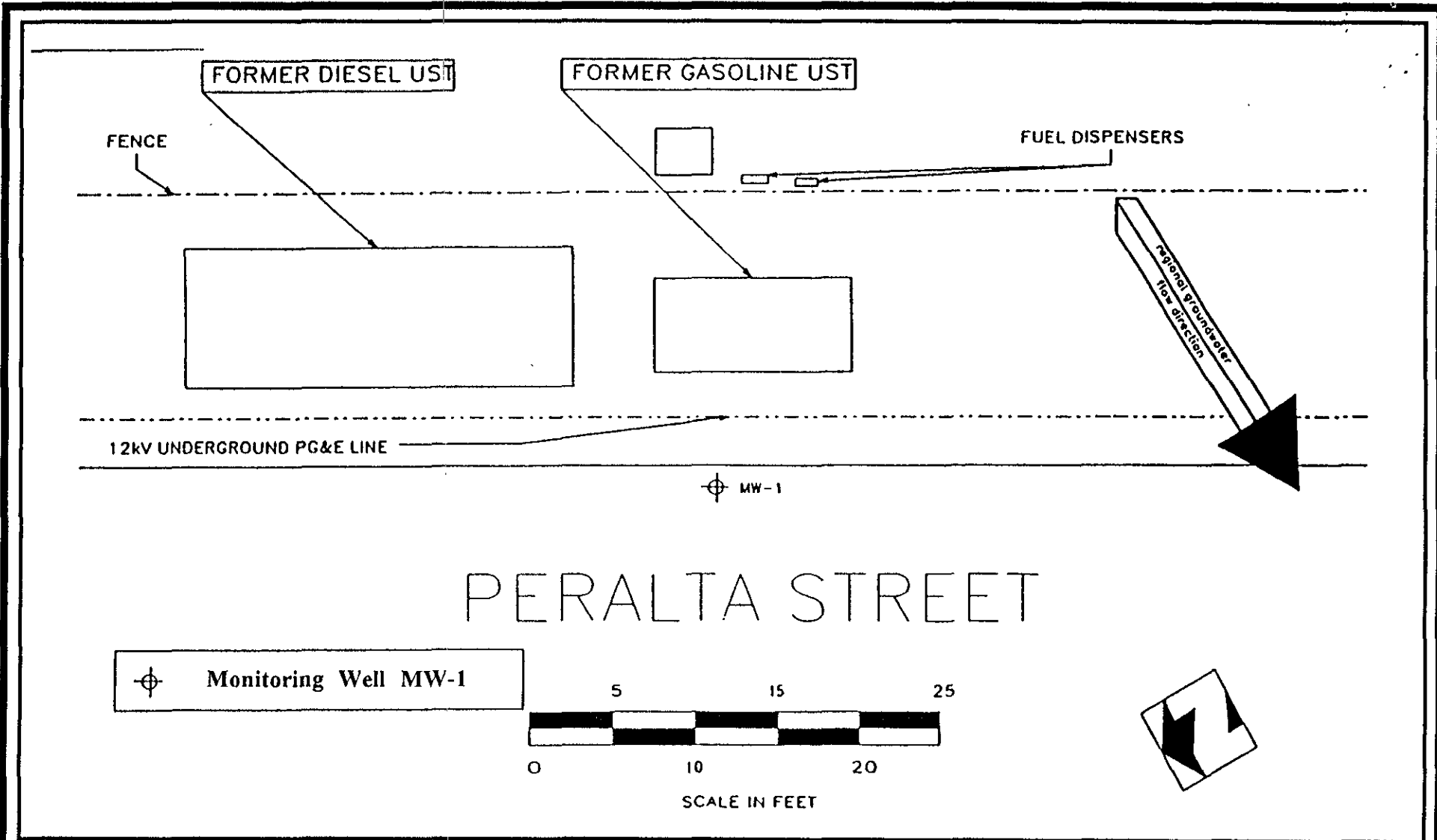
Soil Boring Locations

Project 94071.23

~~Figure 4~~

2400 Peralta Street,  
Oakland, California

Source  
RMC Lonestar



September  
1995

Monitoring Well  
Location  
Map

Project No.  
95051.23

Figure *5*

2400 Peralta Street,  
Oakland, California

Source  
AllWest



**AllWest**

AllWest Environmental, Inc.

Log of Boring: MW-1  
 Project Name: Walker Well  
 Project Number: 95051.23  
 Drilling Date: September 15, 1995

Fig. 6

Drilling Contractor: Bay Area Exploration  
 Drill Rig: C-57  
 Auger: 8" Hollow Stem

Sampler: Marvin H. Snapp  
 Hammer: 140 lb Split Spoon  
 Logged By: Marvin H. Snapp

Blow Count	OVM Reading	Sample Interval	Depth in Feet	Well Profile	USCS Code	Soil Description
			0			6" asphalt
			1		CL	black sandy clay, damp, medium plasticity;
			2			
			3			
2			4			
3	ND		5			yellowish sandy clay, damp, medium plasticity;
5			6		CH	gray silty clay, damp, medium plasticity;
			7			
			8			
2			9			black silty clay, wet, low plasticity; 8' - 17' slight hydrocarbon odor @ 9';
3	ND		10			
5			11			
			12			
			13			
4			14			
6	ND		15			
8			16			
			17		CH	brownish silty clay, wet, medium plasticity; 17' - 19'
			18			
2			19			yellowish-brown silty clay, damp, low plasticity;
2	ND		20			
6			21			borehole terminated at 20.0'

DTW?  
 First water

Legend:

cement		christy box	
bentonite		solid pvc	
sand		0.020 slotted pvc	

Drawn By: MJ Cunningham  
 Reviewed By: L Ching

5.0 LABORATORY ANALYSES

Table 1

All 8 soil samples were transported to Priority Environmental Labs of Milpitas California, a state certified laboratory, for chemical analysis. Analyses performed on each sample included total petroleum hydrocarbons as gasoline (TPH-g, EPA method 5030 and modified EPA method 8015), total petroleum hydrocarbons as diesel (TPH-d, EPA method 3550 and modified EPA method 8015), and petroleum fuel related volatile organic compounds, benzene, toluene, ethylbenzene, and xylenes (BTEX, EPA method 8020). In addition, soil sample SB-2A-10 was tested for total lead (Pb, EPA method 7420). The two water samples, were analyzed for TPH-g, BTEX (EPA method 602), and total lead (SB-2A-W only).

According to the laboratory test reports, TPH-g, TPH-d, and BTEX were not detected in any of the soil or groundwater samples. Total lead was detected at levels of 11 ppm in the water sample SB-2A-W and 36 ppm in soil sample SB-2A-10.

11-2-93

SUMMARY OF ANALYTICAL RESULTS

SAMPLE ID	SAMPLE DEPTH	TPH-g	TPH-d	BTE X	Pb
SB-1-5	5 FEET BSG	ND	ND	ND	<del>36</del>
SB-2-5	5 FEET BSG	ND	ND	ND	--
SB-2A-10	10 FEET BSG	ND	ND	ND	36
SB-3-5	5 FEET BSG	ND	ND	ND	--
SB-3-10	10 FEET BSG	ND	ND	ND	--
SB-4-5	5 FEET BSG	ND	ND	ND	--
SB-4-10	10 FEET BSG	ND	ND	ND	--
SB-2A-W) water	10 FEET BSG	ND	--	ND	11
SB-2A-W2) water	10 FEET BSG	ND	--	ND	--

- Notes:
1. ND = not detected at laboratory reporting limits
  2. -- = sample not analyzed
  3. values for Pb are ppm

~~EPA 7420~~

\* (7420) mg/L

→ was filtered by the lab.

\* .05 ppm is highest MCL for Pb in water.

June 1994 All West

Table 2

~~Table 1~~  
Summary of Soil Verification Analysis Results

Sample I.D.	TPH-D	TPH-Motor Oil	Total Lead	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes
SB1-5'	ND ✓	ND ✓	N/A	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
SB1-10'	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
SB1-15'	ND ✓	ND ✓	N/A	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
SB2-5'	ND ✓	32 ppm* ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
SB4-5'	2.0 ppm ✓	3.8 ppm ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
Detection limit	1 ppm	2 ppm	10 ppm	1 ppm	0.05 ppm	0.05 ppm	0.05 ppm	10 ppm

- Notes:
1. ND = not detected at the detection limit
  2. NA = Not analyzed
  3. ppm = mg/kg
  - \* = Detection limit of TPH-Motor Oil for sample SB2-5' = 20 ppm

Table 3

~~Table 2~~  
Summary of Water Verification Analysis Results

Sample I.D.	TPH-D	TPH-Motor Oil	Total Lead EPA 200.7 TTLC	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes
SB1	0.41 ppm ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓	ND ✓
SB4	0.77 ppm ✓	ND ✓	1.8 ppm ✓	0.071 ppm ✓	0.3 ppb ✓	0.7 ppb ✓	1.3 ppb ✓	1.2 ppb ✓
Detection limit	0.05 ppm	0.2 ppm	0.1 ppm	0.05 ppm	0.3 ppb	0.3 ppb	0.3 ppb	0.6 ppb

- Notes:
1. ND = not detected at the detection limit
  2. NA = Not analyzed
  3. ppb = µg/L
  4. ppm = mg/L

Pb MCL = .05 ppm



samples were analyzed for TPH-g; TPH-d; benzene, toluene, ethylbenzene, and total xylenes (BTEX); and total/soluble lead.

### Soil Sample Results

Diesel, benzene, xylenes and lead were detected in the soil samples. Gasoline was not detected in any of the soil samples. Soil sample results are summarized in Table 1 below.

Table 4

Soil Sample Analytical Results for MW-1 9-15-95

Sample No. & Depth	TPH-g	TPH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total Lead
B-1-5'	ND	510 ppm*	ND	ND	ND	6.9 ppb	120 ppm
B-1-10'	ND	13	11 ppb**	ND	ND	ND	7 ppm
B-1-15'	ND	1.7	ND	ND	ND	ND	3 ppm
B-1-20'	ND	1.6	ND	ND	ND	ND	6 ppm

ND denotes "No target analytes detected in sample"

\* ppm denotes "parts per million"

\*\* ppb denotes "parts per billion"

The soil sample results revealed 510 parts per million (ppm) of diesel in the sample collected at the 5-foot depth, 13 ppm at 10 feet, 1.7 ppm at 15 feet and 1.6 ppm at 20 feet. Benzene was identified in the 10 foot sample at 11 parts per billion (ppb) and total xylenes was found in the 5 foot sample at 6.9 ppb. Total lead was identified in concentrations of 120 ppm at 5-feet below the surface to 6.0 ppm at the 20 foot depth.

### Groundwater Sample Results

The groundwater analytical results indicated concentrations of TPH-g at 750 parts per billion (ppb), benzene at 1.1 ppb, toluene at 2.0 ppb, ethylbenzene at 3.2 ppb and total xylenes at 18 ppb. Total lead was not detected in the groundwater sample collected from well MW-1. A summary of analytical results for well MW-1 are presented in Table 2. A copy of the laboratory test reports and Chain-of-Custody documents are displayed in Appendix E.



TABLE X 5

CUMULATIVE GROUNDWATER ELEVATION AND ANALYTICAL RESULTS

2400 Peralta Street  
Oakland, California

Sample Number	Sample Date	Depth to Groundwater	<sup>1</sup> TPH-g	<sup>1</sup> TPH-d	<sup>1</sup> TPH-mo	<sup>2</sup> BTEX	<sup>3</sup> Lead
<sup>4</sup> MW-1	9-20-95	9.04'	750	<sup>5</sup> ND	<sup>6</sup> ns	B-1.1 T-2.0 E-3.2 X-18.0	ND
MW-1	3-7-96	8.15'	ND	180	ND	ND	ns
MW-1	6-24-96	8.44'	ND	ND	ns	ND	ns
MW-1	10-8-96	8.25'	ND	ND	ns	ND	ns
MW-1	1-30-97	8.35'	ND	ND	ns	ND	ns

Notes: <sup>1</sup>TPH-g, TPH-d, and TPH-mo are equivalent to Total Petroleum Hydrocarbons as gasoline, diesel, and motor oil, respectively, analyzed by EPA Method 8015 (m) with concentration values reported in  $\mu\text{g}/\text{kg}$ , equivalent to parts per billion (ppb).  
<sup>2</sup>BTEX is equivalent to Benzene, Toluene, Ethyl Benzene, and Xylene and analyzed by EPA Method 8020.  
<sup>3</sup>Lead is analyzed by EPA Method 6010 with concentrations reported in  $\text{mg}/\text{kg}$ , equivalent to parts per million (ppm).  
<sup>4</sup>MW-1 was installed in September 1995.  
<sup>5</sup>ND stands for "None Detected" at or above the laboratory limit of detection.  
<sup>6</sup>ns stands for "Not Sampled".