

TEXACO ENVIRONMENTAL SERVICES
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RICHMOND, CA 94804

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Table 12.1
 Results of Soil Analyses
 Pre October 31, 1988
 20499 Hesperian Boulevard
 Hayward, California
 (concentrations in milligrams per kilogram)

On/Off Site	Date	Location	Depth (ft)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHg*	TPHg**	Auger Diameter (Inches)	Total Boring Depth (ft)
On	06/15/88	MW-4A		--	--	--	--	--	--	7	20
On	06/15/88	MW-4B		--	--	--	--	--	--	7	20
On	06/15/88	MW-4C		--	--	--	--	--	--	7	20
On	09/29/88	B-1	5.0	ND	ND	ND	ND	ND	ND	8	11
			10.0	ND	ND	ND	ND	ND			
On	09/29/88	B-2	4.5	ND	ND	ND	ND	ND	ND	8	10.5
			10.0	ND	ND	ND	ND	ND			
On	09/29/88	B-3	5.5	ND	ND	ND	ND	ND	14	8	10.0
			9.5	0.37	ND	0.75	0.46	ND	76		
On	09/29/88	B-4	5.0	ND	ND	ND	ND	ND	ND	8	10.5
			9.5	ND	ND	ND	ND	ND			
On	09/30/88	MW-4D	10.0	ND	ND	ND	ND	ND	ND	12	20.5
On	09/30/88	MW-4E	4.5	ND	ND	ND	ND	ND	ND	12	20.5
<u>Detection Limits</u>				0.5	0.1	0.2	0.1	10	10		

Analytical Methods: BTEX - EPA Method 8020
 TPHg* - Flame Ionization Detector
 TPHg** - EPA Method 8020 Modified
 *TPH includes gasoline (TPHg), diesel (TPHd), motor oil (TPHmo also referred to as other hydrocarbon mixture)

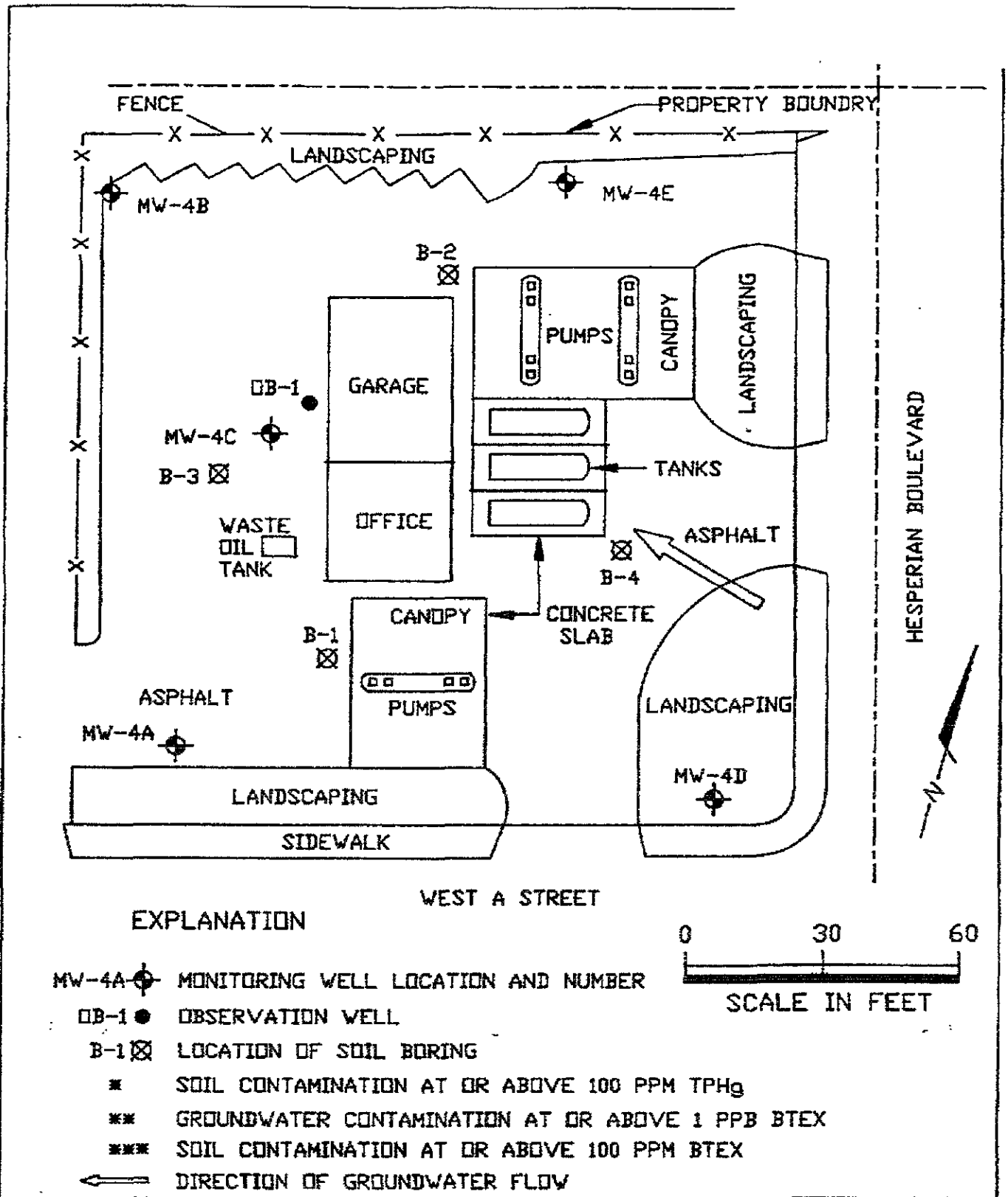
TPHg = Total petroleum hydrocarbons as gasoline
 BTEX = Benzene, toluene, ethylbenzene, and total xylenes
 ND = Not detected
 -- = Not tested

Table 12.3
 Results of Soil Analyses
 Post October 31, 1988
 20499 Hesperian Boulevard
 Hayward, California
 (concentrations in milligrams per kilogram)

On/Off Site	Date	Location	Depth (ft)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHg	Auger Diameter (Inches)	Total Boring Depth (ft)
Off	06/05/89	MW-4F	10.0	--	--	--	--	ND (10)	12	20.5
Off	06/29/89	MW-4G	11.0	1.0	0.2	ND (.2)	1.5	11	12	20.5
Off	06/29/89	MW-4H	10.5	0.2	0.3	ND (.2)	2.0	14	10.5	20.5
Off	06/29/89	MW-4I	5.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	10.5	21.5
		MW-4I	11.0	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)		
		MW-4I	15.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)		
Off	03/16/90	MW-4J	12.5	6.61	13.2	20.6	57.3	2,200	8	20.5
Off	03/16/90	MW-4K	13.0	ND (.01)	0.053	ND (.01)	ND (.01)	3	8	20.5

Analytical Methods: BTEX - EPA Method 8020
 TPHg - Flame Ionization Detector

TPHg - Total petroleum hydrocarbons as gasoline
 BTEX - Benzene, toluene, ethylbenzene, and total xylenes
 ND - Not detected
 -- - Not tested



EXPLANATION

MW-4A MONITORING WELL LOCATION AND NUMBER

OB-1 OBSERVATION WELL

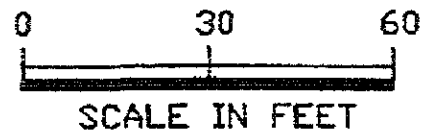
B-1 LOCATION OF SOIL BORING

SOIL CONTAMINATION AT OR ABOVE 100 PPM TPHg

GROUNDWATER CONTAMINATION AT OR ABOVE 1 PPB BTEX

SOIL CONTAMINATION AT OR ABOVE 100 PPM BTEX

DIRECTION OF GROUNDWATER FLOW



Harding Lawson Associates
Engineering and
Environmental Services

Soil Boring and Monitoring Well
Locations on October 31, 1988
Former Texaco Station
20499 Hesperian Boulevard
Hayward, California

PLATE

12.1

DRAWN
SHP

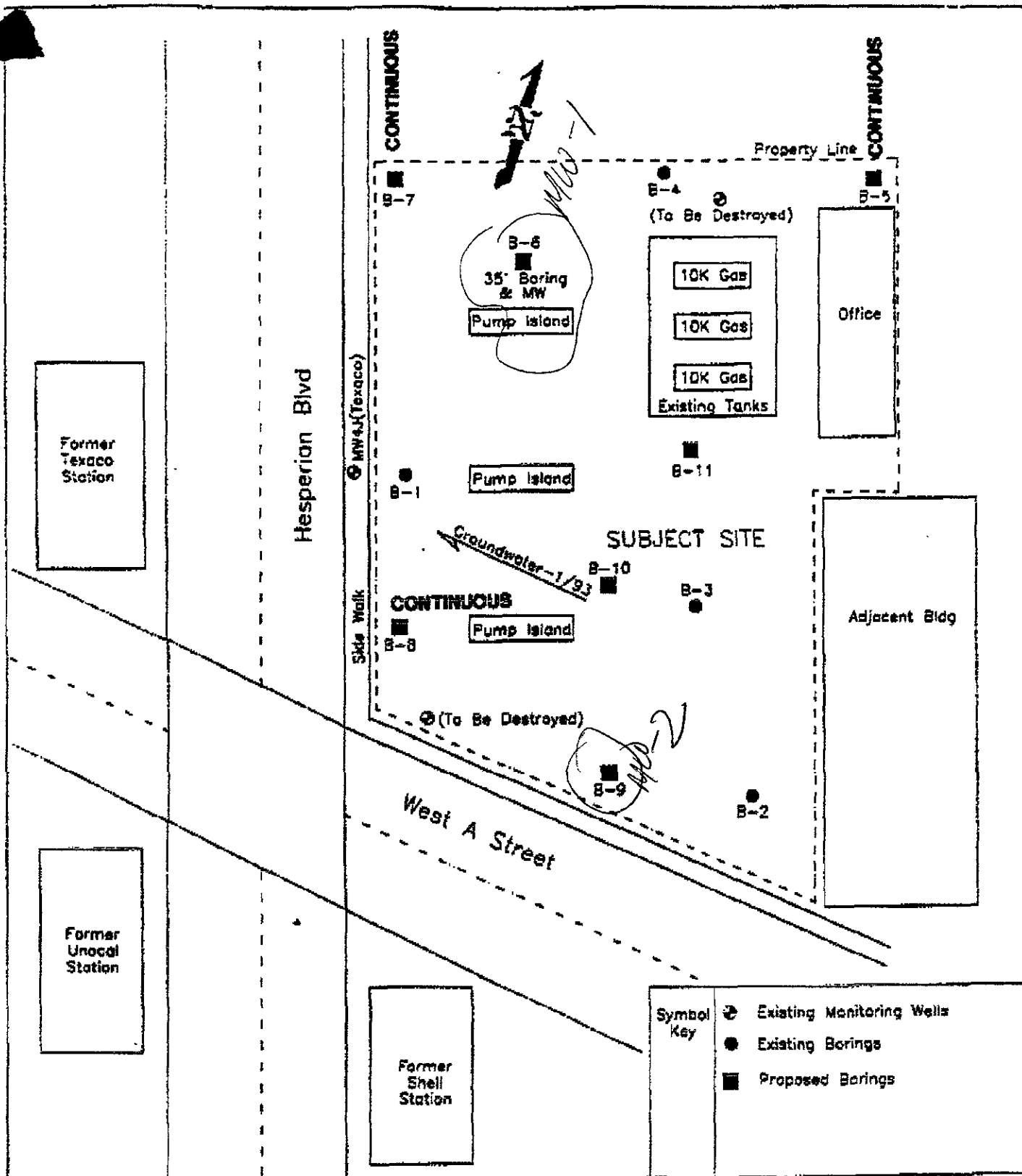
PROJECT NUMBER
20403.12.2

APPROVED
C. Muller

DATE
8/14/92

REVISED DATE

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Symbol	Key
⊕	Existing Monitoring Wells
●	Existing Borings
■	Proposed Borings

CERTIFIED ENVIRONMENTAL CONSULTING

536 STONE ROAD SUITE J BENICIA, CA 94510
 (707) 745-0171 / (800) 228-0171 / (707) 745-0163 FAX

Figure 3
 Proposed Boring Locations
 20450 Hesperian Blvd
 Hayward, CA
 Project No. 94-510-1440

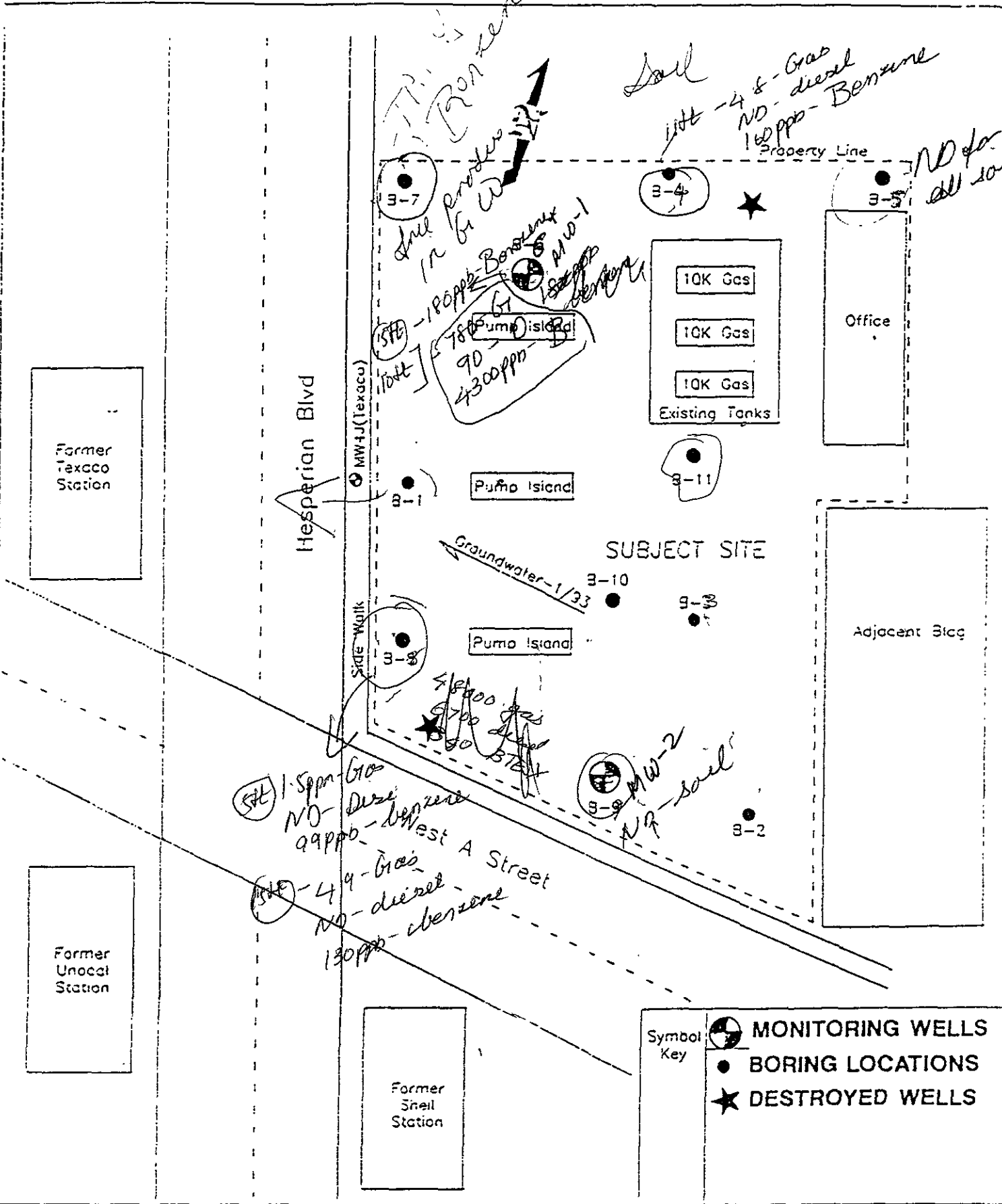
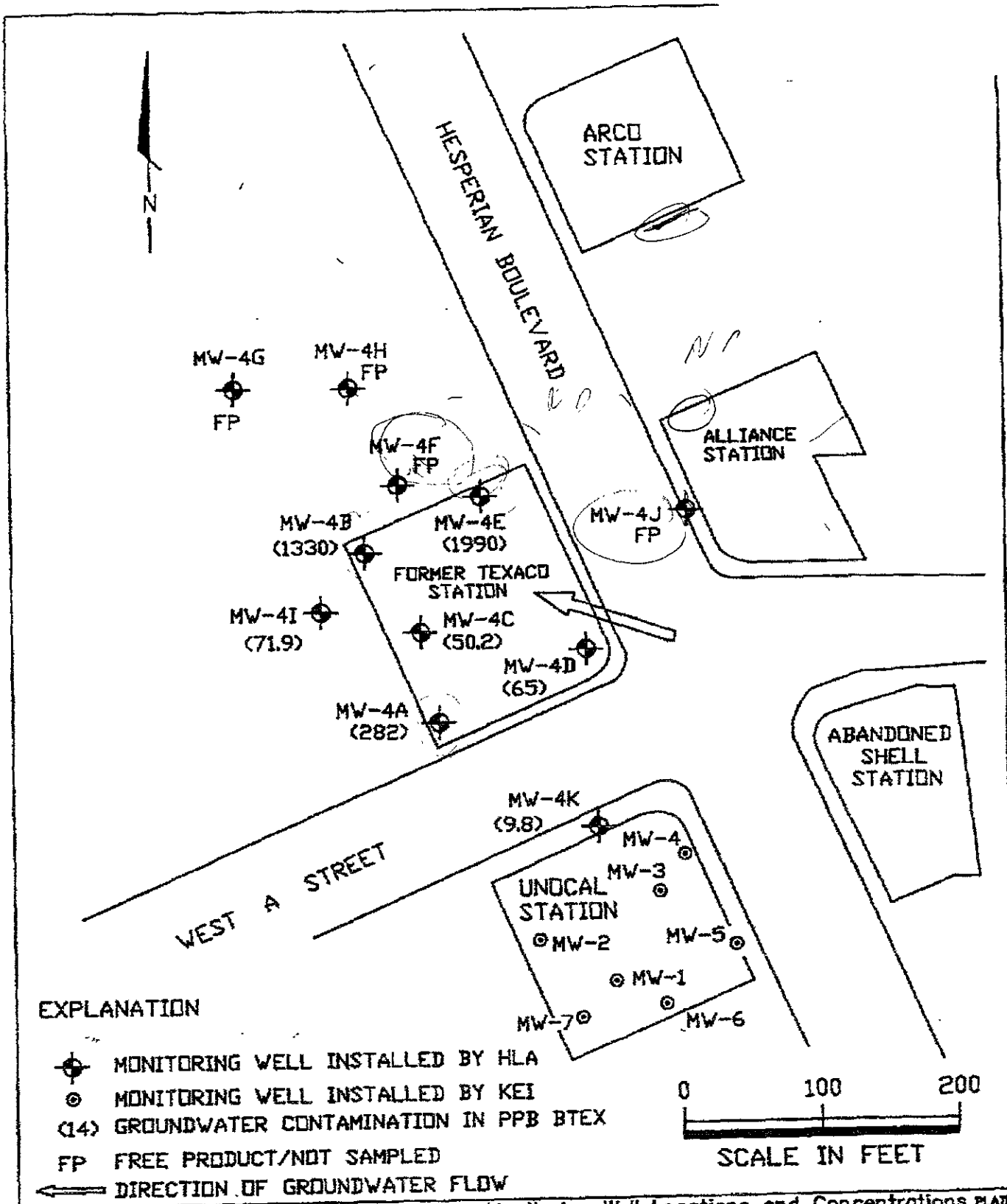


FIGURE 2
 20450 HESPERIAN BLVD.
 HAYWARD, CALIFORNIA
 PROJECT NO. 94-510-1440-2



Harding Lawson Associates
Engineering and
Environmental Services

Monitoring Well Locations and Concentrations PLATE
of BTEX in PPB on January 29, 1992
Former Texaco Service Station
20499 Hesperian Boulevard
Hayward, California

12.2

DRAWN
SHP

PROJECT NUMBER
20403.12.2

APPROVED
C. Miller

DATE
8/14/92

REVISED DATE

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