

Table 3

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS  
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 1530 WOOD STREET 1  
Matrix : SOIL  
Date sampled : 12/05/89  
Date anl.TPHg: 12/08/89  
Date ext.TPHd: N/A  
Date anl.TPHd: N/A

Anametrix I.D. : 8912044-01  
Analyst : CB  
Supervisor : TC  
Date released : 12/11/89  
Date ext. TOG : N/A  
Date anl. TOG : N/A

CAS #	Compound Name	Reporting Limit (ug/kg)	Amount Found (ug/kg)
71-43-2	Benzene	500	ND
108-88-3	Toluene	500	560
100-41-4	Ethylbenzene	500	ND
1330-20-7	Total Xylenes	500	ND
	TPH as Gasoline	10000	360000

- ND - Not detected at or above the practical quantitation limit for the method.  
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.  
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

WOOD STREET

16th STREET

Building  
1530 Wood Street

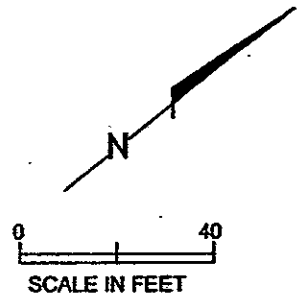
Sidewalk

Patched Sidewalk,  
Location of Former  
550-gallon  
Underground  
Storage Tank

Explanation

- ⊙ Soil and groundwater sample locations
- ⊗ Previous soil sample location  
(Collected from excavation bottom  
following removal of UST in 1989)

B-1

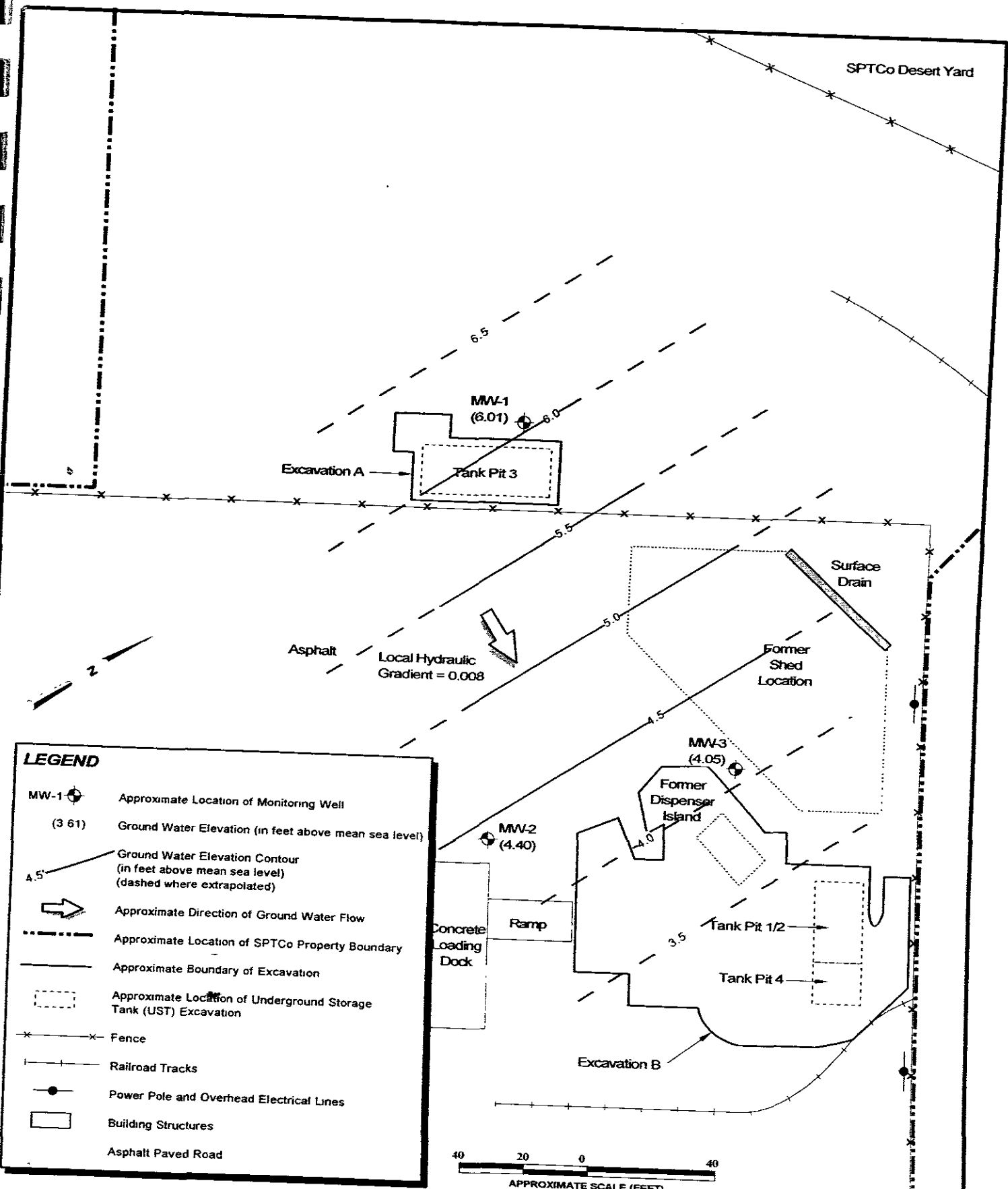


**PES Environmental, Inc.**  
Engineering & Environmental Services

**Site Plan and Sampling Locations**  
Utility Body Facility  
1530 Wood Street  
Oakland, California

PLATE  
**2**

SPTCo Desert Yard



**LEGEND**

- MW-1 Approximate Location of Monitoring Well
- (3.61) Ground Water Elevation (in feet above mean sea level)
- 4.5 Ground Water Elevation Contour (in feet above mean sea level) (dashed where extrapolated)
- Approximate Direction of Ground Water Flow
- Approximate Location of SPTCo Property Boundary
- Approximate Boundary of Excavation
- Approximate Location of Underground Storage Tank (UST) Excavation
- Fence
- Railroad Tracks
- Power Pole and Overhead Electrical Lines
- Building Structures
- Asphalt Paved Road

40 20 0 40  
APPROXIMATE SCALE (FEET)

Project No. <b>05100535</b>	Figure No. <b>2</b>
Scale: <b>As Above</b>	Page No. <b>5</b>
File No. <b>q1gw96f02</b>	Drawn By: <b>Patti Decker</b>
Date <b>02/19/96</b>	Approved By: <b>Richard Bateman</b>



**CONTOUR MAP OF GROUND WATER ELEVATION**  
 JANUARY, 1996  
 SOUTHERN PACIFIC TRANSPORTATION COMPANY  
 1399 WOOD STREET  
 OAKLAND, CALIFORNIA

**TABLE 1  
GROUND WATER ELEVATION DATA**

Monitoring Well <sup>a</sup>	Date Measured	Time Measured	Top of Casing Elevation <sup>b</sup> (feet MSL)	Depth to Ground Water <sup>c</sup> (feet TOC)	Ground Water Elevation <sup>d</sup> (feet MSL)
MW-1	06/29/94	0900	7.74	3.36	4.38
	09/30/94	1000	7.71 <sup>e</sup>	4.56	3.15
	12/19/94	0825		1.48	6.23
	03/27/95	0807		1.24	6.47
	06/28/95	0905		2.82	4.89
	09/27/95	0717		4.10	3.61
	01/03/96	0855		1.70	6.01
MW-2	06/29/94	0900	7.00	3.94	3.06
	09/30/94	1015		4.04	2.96
	12/19/94	0809		2.06	4.94
	03/27/95	0815		1.64	5.36
	06/28/95	1010		2.58	4.42
	09/27/95	0754		3.60	3.40
	01/03/96	0830		2.60	4.40
MW-3	06/29/94	0900	7.43	3.50	3.84
	09/30/94	1030	7.32 <sup>e</sup>	4.52	2.80
	12/19/94	0810		7.32	4.36
	03/27/95	0810		3.42	3.90
	06/28/95	1015		3.34	3.98
	09/27/95	0801		4.14	3.18
	01/03/96	0840		3.27	4.05

a See Figure 2 for approximate location of monitoring wells.

b Top of casing elevation is the elevation, in feet above mean sea level, of a point marked on the top of the well casing (generally north side) which has been surveyed by a licensed surveyor.

c Depth to ground water measured from top of casing.

d Ground water elevation calculated by subtracting the depth to ground water from the top of casing elevation.

e Well resurveyed in September of 1994.

MSL Mean sea level

TOC Top of casing



PID (ppm)	BLOWS/8IN	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				CONCRETE
				OLIVE BROWN SAND (SP), 2.5Y 4/4, moist, loose, medium grained sand, 100% sand, fill material
0.4				Color change to DARK OLIVE BROWN, 2.5Y 3/3
				Layer of concrete debris, 2"-4" diameter
	5			BLACK SAND WITH FINES (SM), 2.5Y 2.5/1, very moist, loose, medium grained sand, 5% gravel, 80% sand, 15% fines, petroleum hydrocarbon odor
				Color change to VERY DARK GRAYISH BROWN, 2.5Y 3/2,
0.8				Color change to DARK GRAY 2.5Y 4/1 mottled with OLIVE BROWN 2.5Y 4/4
0.8	10			Color change to BLACK 2.5Y 2.5/1, organic material present in sample, petroleum hydrocarbon odor
			▽	Color change to OLIVE BROWN 2.5Y 4/3, change in moisture content to wet
	15			Bottom of borehole at 16 feet bgs
		20		

PROJECT	Utility Body Facility	DIAMETER OF HOLE	2.0 inches	PLATE
LOCATION	1530 Wood Street, Oakland, CA	TOTAL DEPTH OF HOLE	16 feet	
JOB NUMBER	546.002.01.004	TOP OF CASING ELEVATION	0.00 ft	
GEOLOGIST/ENGINEER	Honor Hutton	DATE STARTED	6/8/01	
DRILL RIG	MARL 2.5 Direct Push	DATE COMPLETED	6/8/01	

**Table 1**  
**Soil Analytical Results**  
**Utility Body Facility**  
**1530 Wood Street**  
**Oakland, California**

Sample ID	Date Sampled	Depth (ft. bgs)	U.S. EPA Method 8020		U.S. EPA Method 8015-Modified	
			MTBE mg/Kg	BTEX mg/Kg	TPHg mg/Kg	TPHd mg/Kg
B-1	6/8/01	8	ND	ND	ND	1.2

**Note:**

- mg/Kg = milligrams per kilogram
- ft. bgs = feet below ground surface
- MTBE = methyl tertiary-butyl ether
- BTEX = benzene, toluene, ethylbenzene, and total xylenes
- TPHg = total petroleum hydrocarbons quantified as gasoline
- TPHd = total petroleum hydrocarbons quantified as diesel
- ND = Not detected above laboratory reporting limit (See Appendix B).

**Table 2**  
**Groundwater Analytical Results**  
**Utility Body Facility**  
**1530 Wood Street**  
**Oakland, California**

Sample ID	Date Sampled	U.S. EPA Method 8020		U.S. EPA Method 8015-Modified	
		MTBE µg/L	BTEX µg/L	TPHg µg/L	TPHd µg/L
GW-1	6/8/01	ND	ND	89	250

**Note:**

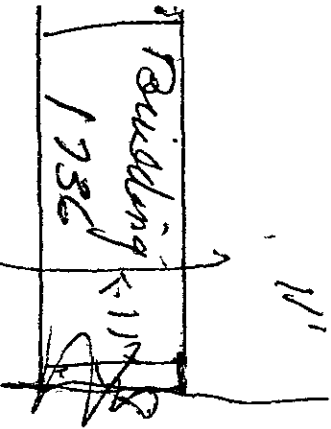
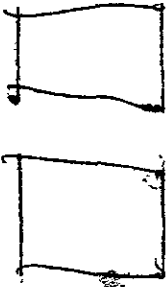
- µg/L = micrograms per Liter
- MTBE = methyl tert-butyl ether
- BTEX = benzene, toluene, ethylbenzene, and total xylenes
- TPHg = total petroleum hydrocarbons quantified as gasoline
- TPHd = total petroleum hydrocarbons quantified as diesel
- ND = Not detected above laboratory reporting limit (see Appendix B)

1 N

Jack Padlock

16 4 ft

1570 Wood St



130' 6 1/2 ft

81 duaks

Tank.

200'

Willow St

16.2

$$\begin{array}{r} 8 \overline{) 130} \\ \underline{64} \\ 66 \\ \underline{56} \\ 10 \end{array}$$