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To: Mr. Barney Chan

From: John M. Ait

Date: 11/7/01

Number of Pages: 7 w/cover

Subject: Revisions to work plan to
investigate soil/groundwater
contamination at Trucker's Friend

1397 7th St., Oakland

Hard copy to follow



Epigene International
Consulting Geologists

November 5, 2001

Mr. Barney Chan
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 210
Alameda, CA 94502-6577

Subject: Revised Workplan for Investigation of Former Waste Oil Tank, Trucker's Friend, 1395 West 7th Street, Oakland, CA

Dear Mr. Chan,

The site is located at the southeast corner of the intersection of West 7th Street and Mandela Parkway in western Oakland. A site location map is presented on Figure 1. A waste oil tank was removed from the site by Bernabe and Brinker, Inc. on August 19, 1996. Additional soil was excavated from the area around the former waste oil tank on August 27, 1996. The location of the tank and over-excavation is shown on the Site Plan (Figure 2). A tank closure report was prepared by Bernabe and Brinker on April 5, 1997. The results of the soil analysis of samples from the walls of the over-excavation and a water sample collected from the bottom of the pit are summarized in Table 1.

The soil sample locations are shown on Figure 3. The only sample with a significantly high level of contamination is S-A4 located on the east side of the pit. Low levels of contamination were present in S-A2 located on the north side of the pit. Over excavation in these areas was limited by the presence of spoil piles from the tank removal.

At the request of Alameda County Environmental Health Services, a Workplan was prepared by Bernabe and Brinker to assess the extent of soil and water contamination remaining at the site. The Workplan is dated May 27, 1997. None of the investigations outlined in the Workplan have been carried out

Epigene was recently contacted by Mr. Henry Tran, owner of Trucker's Friend, to review existing data, make any revisions to the existing workplan, and carry out the investigation in a timely manner. Epigene is proposing to revise the workplan as follows:

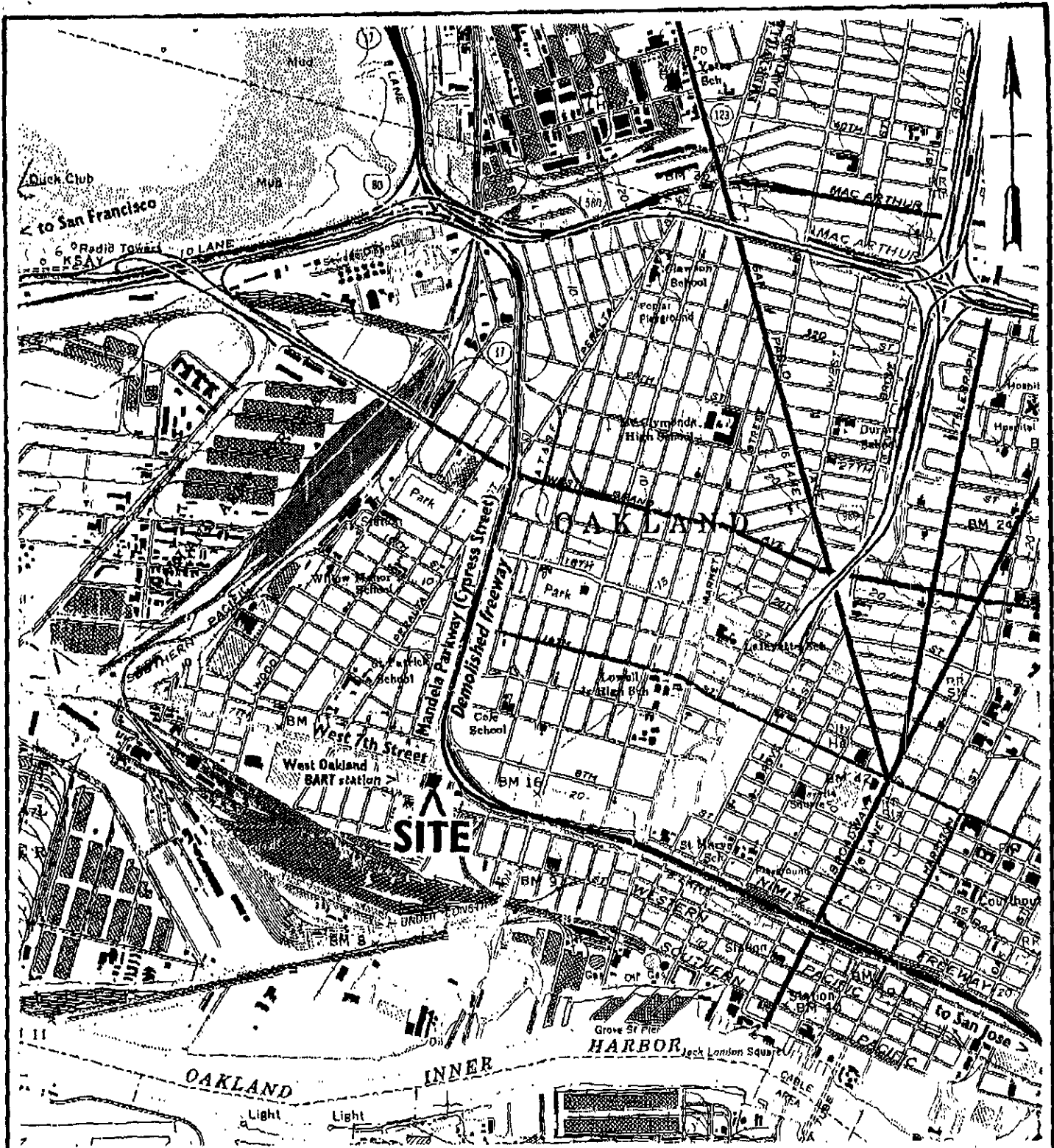
1. Soil and water samples will be obtained by Geo-probes rather than the soil borings as originally proposed. This allows for a continuous core to observe and field test with a PID meter. The direct push method also eliminates the need to store and dispose of soil cuttings.
2. The depth to water was measured at 8 feet below the asphalt pavement on October 22, 2001. The depth of the probes will be approximately 12 feet to allow adequate penetration of the saturated zone for collecting water samples from each probe.

**TABLE 1
SUMMARY OF ANALYTICAL RESULTS
AFTER OVER-EXCAVATING FOR WASTE OIL TANK**

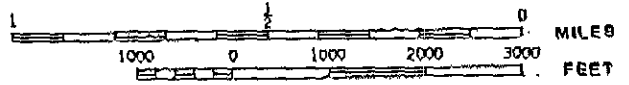
Sample No.	TPH Gasoline	TPH Diesel	Oil & Grease	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	Lead (Pb) (ug/L)
S-A1	ND	ND	ND	ND	ND	ND	ND	ND	7.7
S-A2	3.7	11	ND	ND	ND	ND	ND	0.008	6.1
S-A3	ND	ND	ND	ND	ND	ND	ND	ND	5.3
S-A4	180	2400	3200	ND	ND	0.035	ND	0.30	5.8
Water	65	3700	37	ND	ND	ND	ND	ND	-

NOTES:

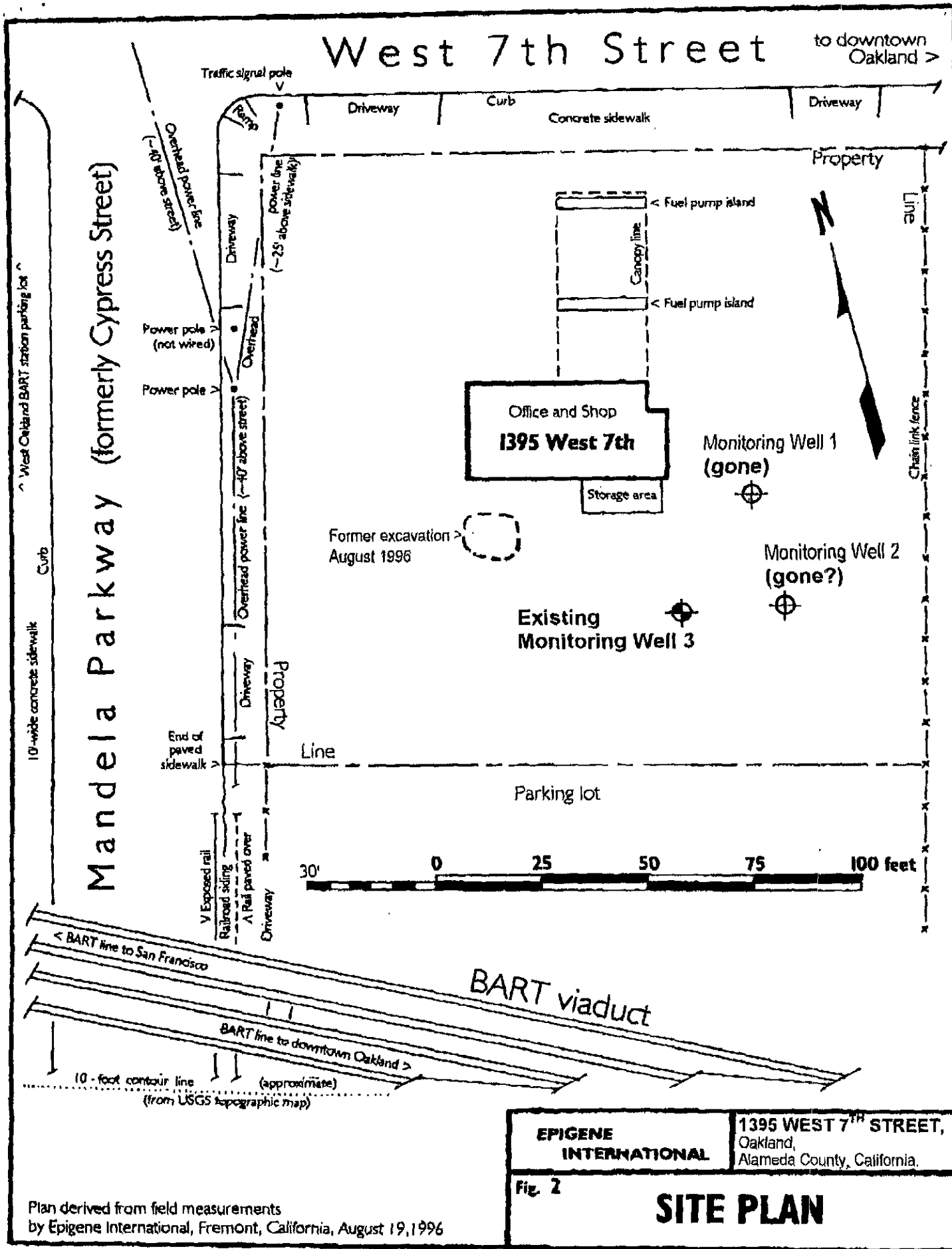
- 1) See Figure 3 for soil sample locations; samples taken at depth of 7 - 7 ½ feet.
- 2) MTBE results based on modified 8020.
- 3) Soil reported in mg/kg.
- 4) Water sample is from groundwater at bottom of pit.
- 5) Water reported in ug/L.

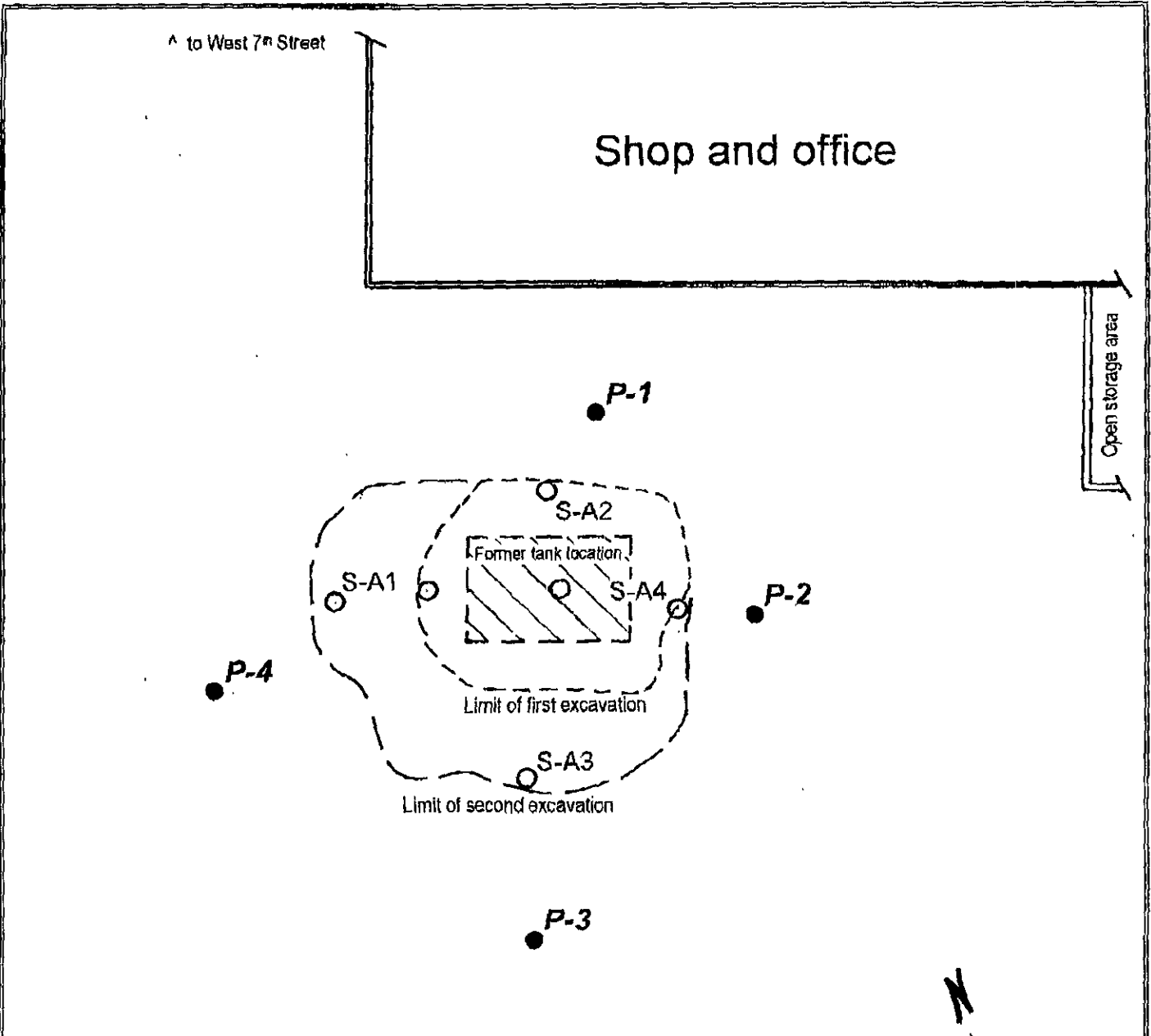


Base map from USGS 7 1/2 minute series
Oakland West quadrangle, 1980.



EPIGENE INTERNATIONAL	1395 WEST 7 TH STREET. Oakland Alameda County, California.
Fig. 1	
SITE LOCATION MAP	





See Table 1 for a summary of the analysis of samples S-A1 through S-A4.



Legend	Epigene International	1395 WEST 7 TH STREET, Oakland, Alameda County, California.
<p>○ Soil sample taken August 1996.</p> <p>P-</p> <p>● Proposed Geo-probe location.</p>	<p>Fig. 3</p> <p>PROPOSED PROBE LOCATIONS</p>	