

McLAREN/HART ALAMEDA OFFICE

This is a facsimile from McLaren/Hart Environmental Engineering Corporation, 1135 Atlantic Avenue, Alameda, CA 94501. Our dedicated FAX number is (510) 521-1547. Our telephone number is (510) 521-5200.

Attention: SUSAN HUGO

I am sending _____ page(s), including this cover sheet.

Date: 6-6-97 Time Out: 4:30

FAX Number Called: (510) 337-9335 Job/Task: _____

MESSAGE: SUSAN - HERE ARE THE MAPS AND FIGURES FOR THE STANDARD BRANDS PROPERTY @ 4343 SAN PABLO AVE FOR YOUR REVIEW. IF YOU HAVE ANY QUESTIONS, PLEASE CALL CLIF @ (510) 748-5654.

Sincerely,

NATHAN KING

Person Transmitting Copy

(510) 748-5647

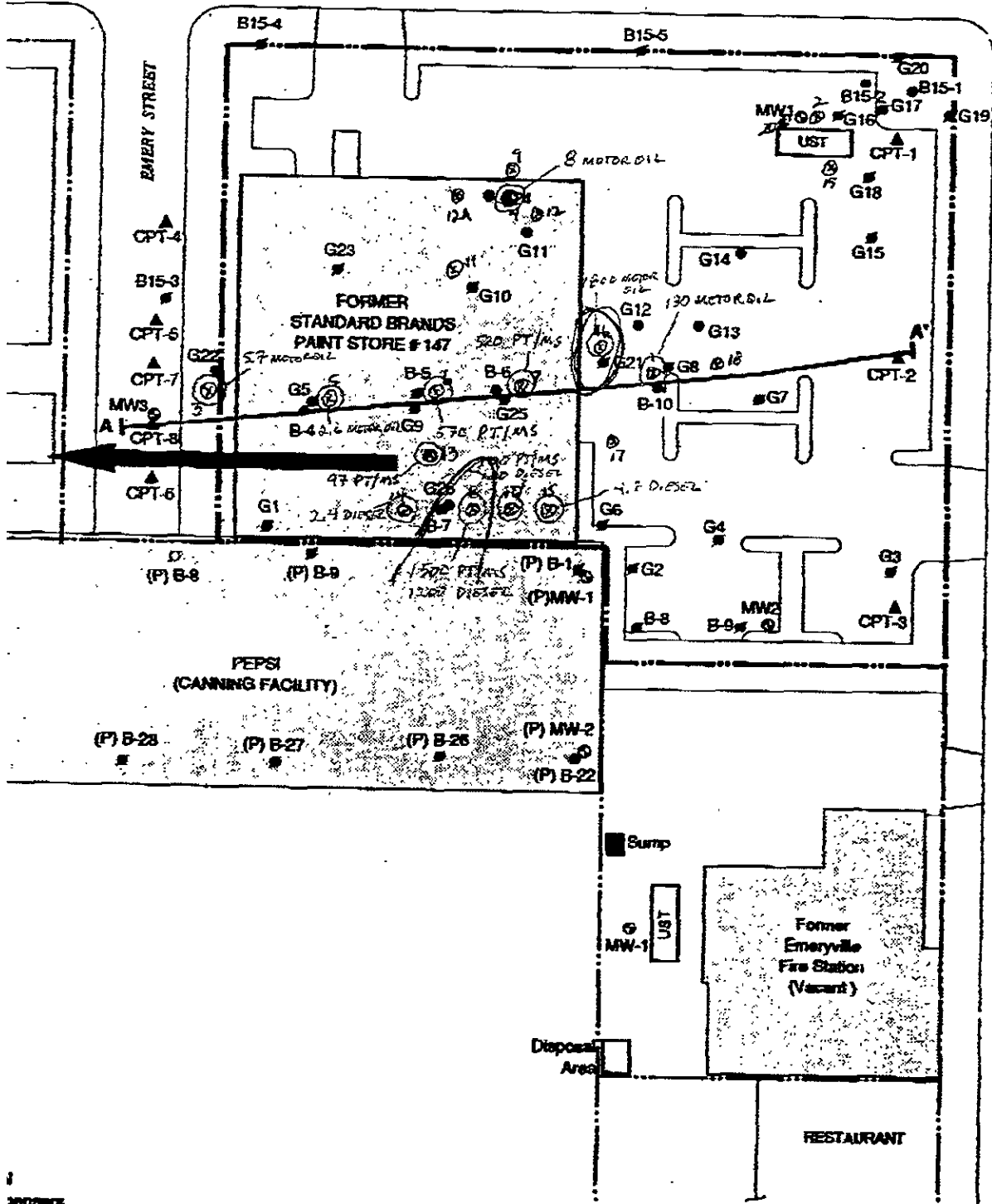
Direct Telephone Number



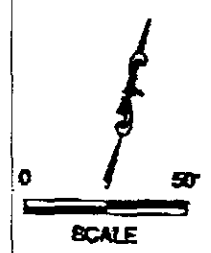
TPH - 5'

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

WEST



SAN PABLO AVENUE

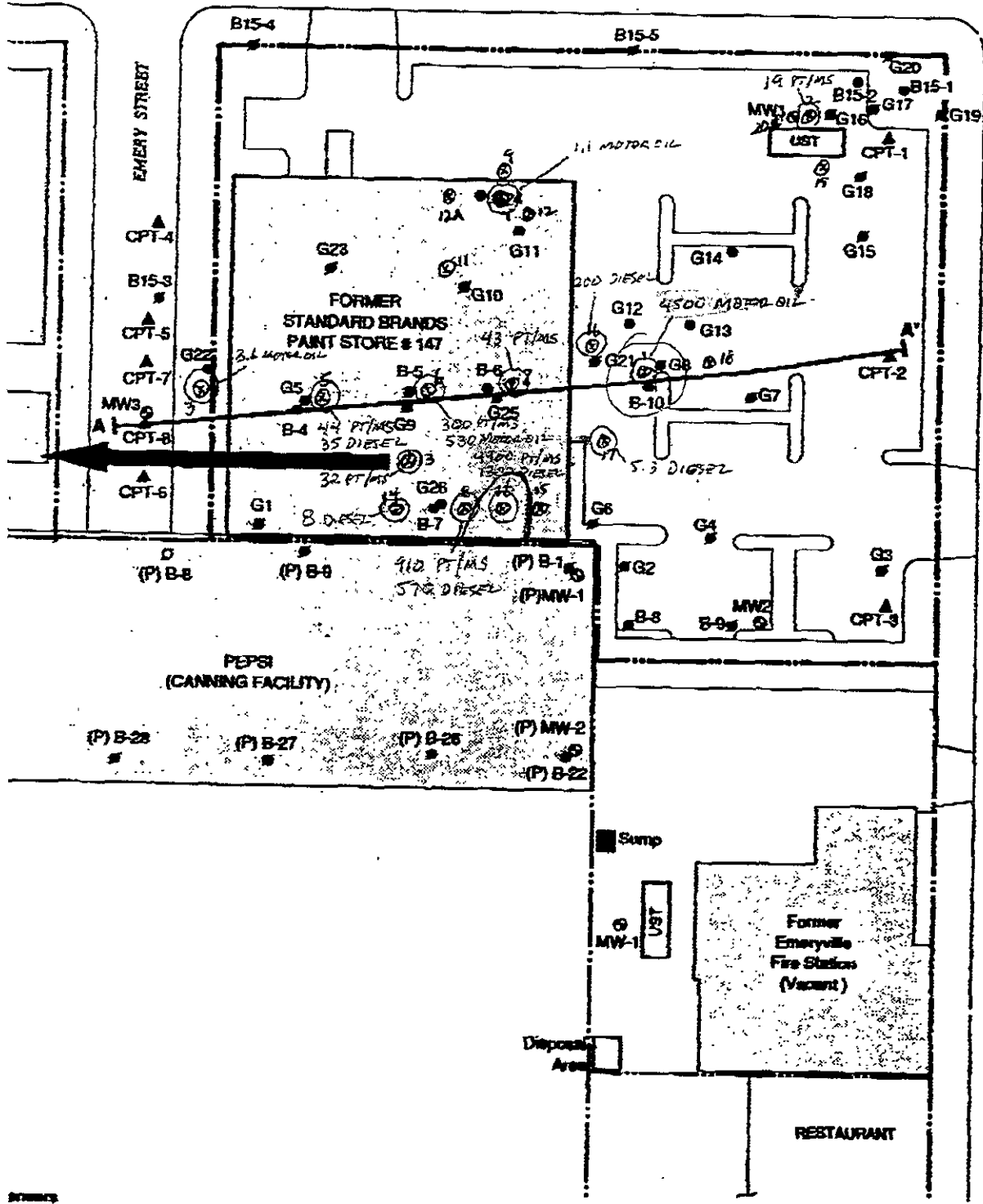


1800047

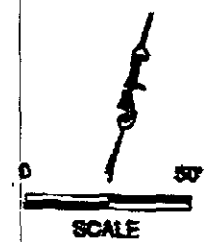
TPH=10'

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

EET

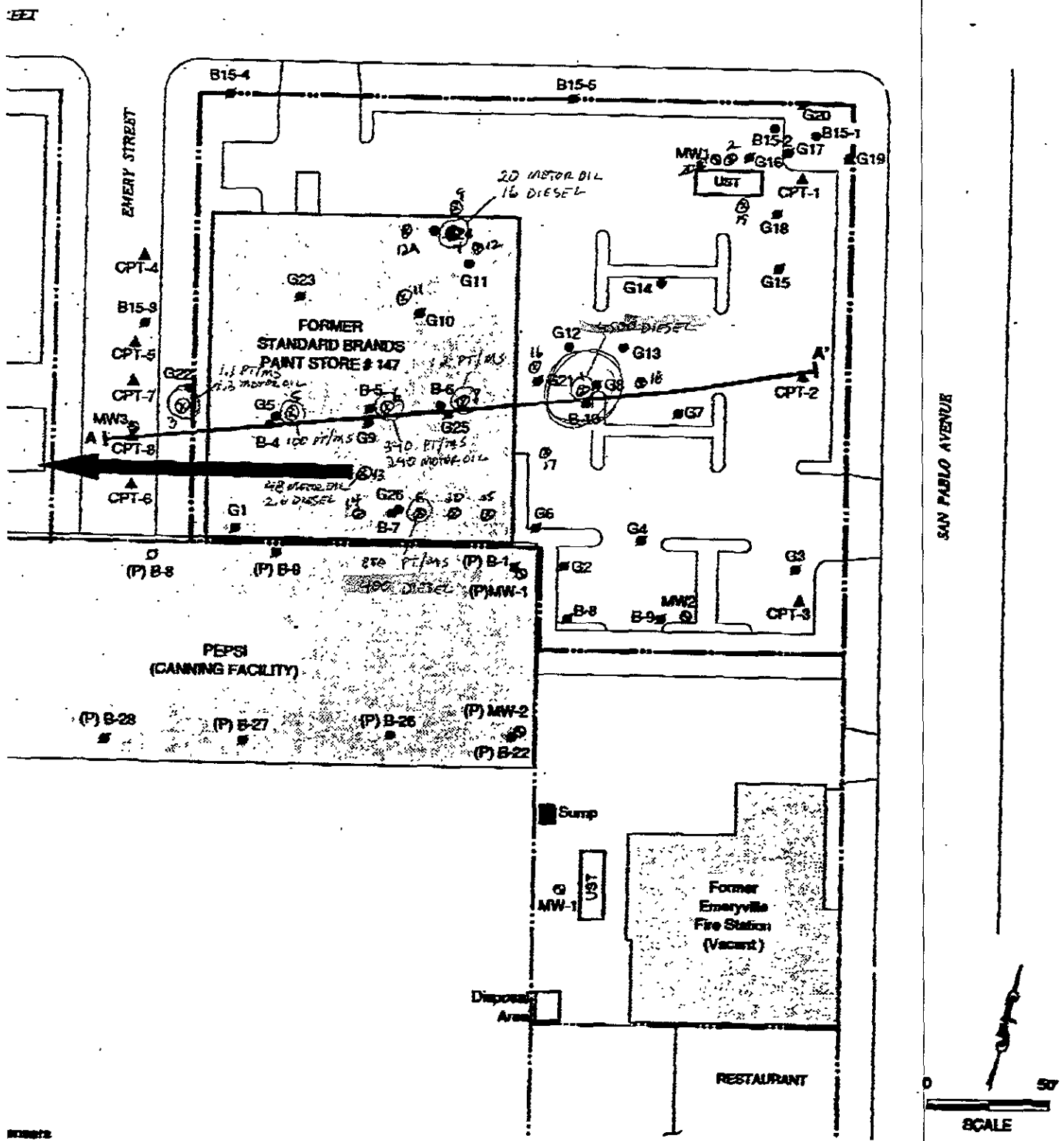


SAN PABLO AVENUE



TPH 15'

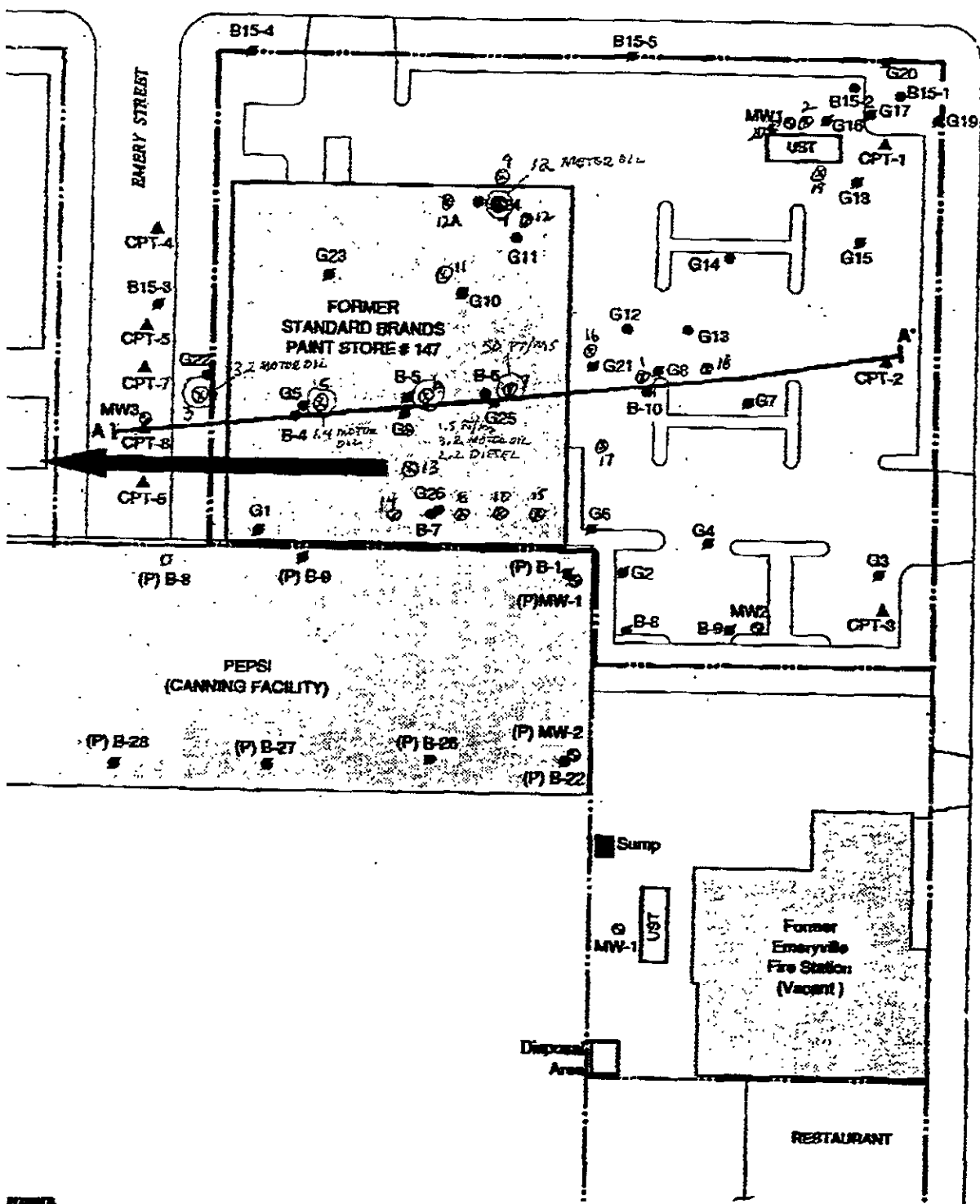
FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS



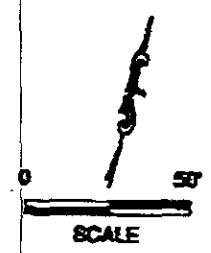
TPH - 20'

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

EET



SAN PABLO AVENUE

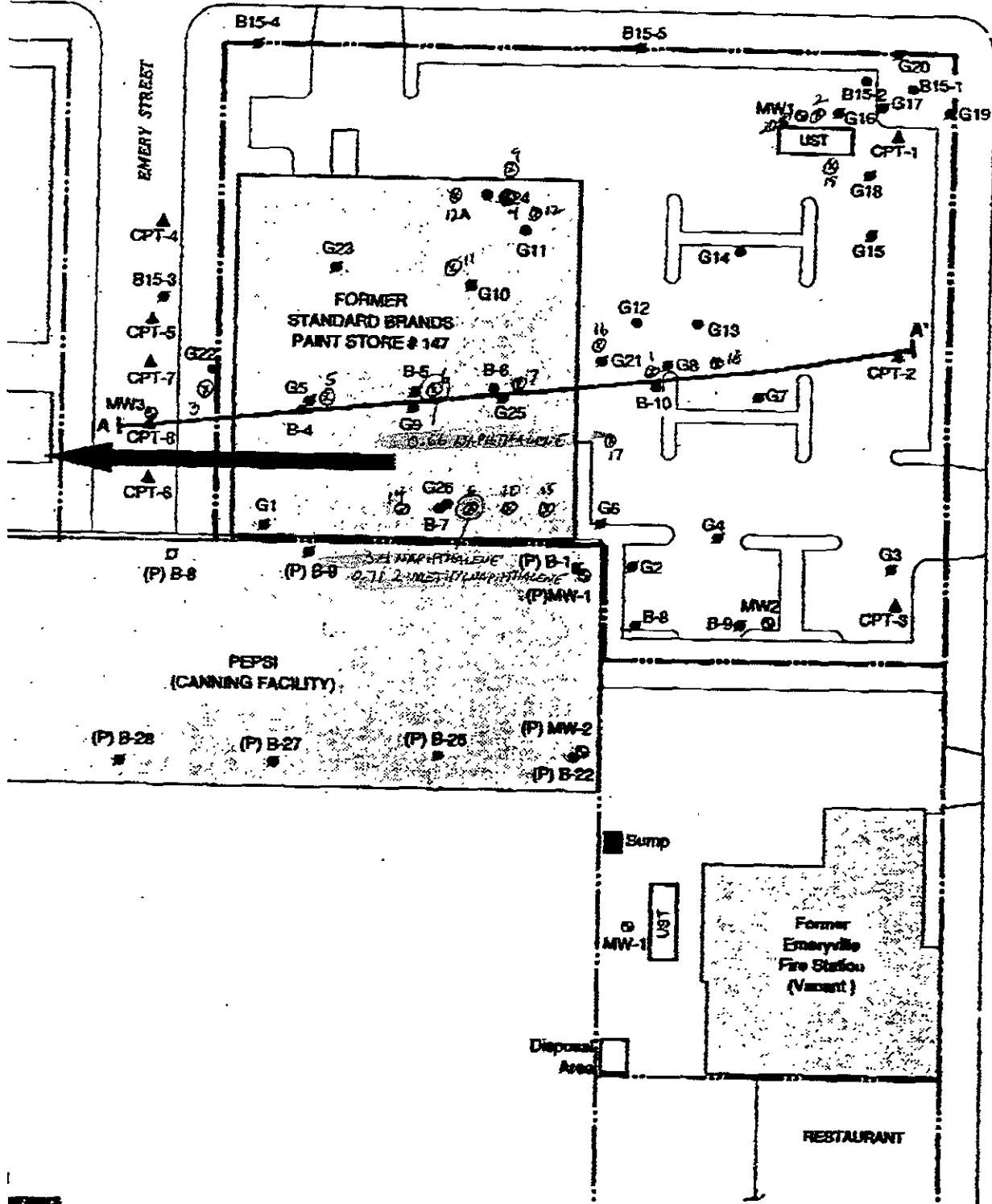


ENVRO001

PATHS - 10'

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

EET



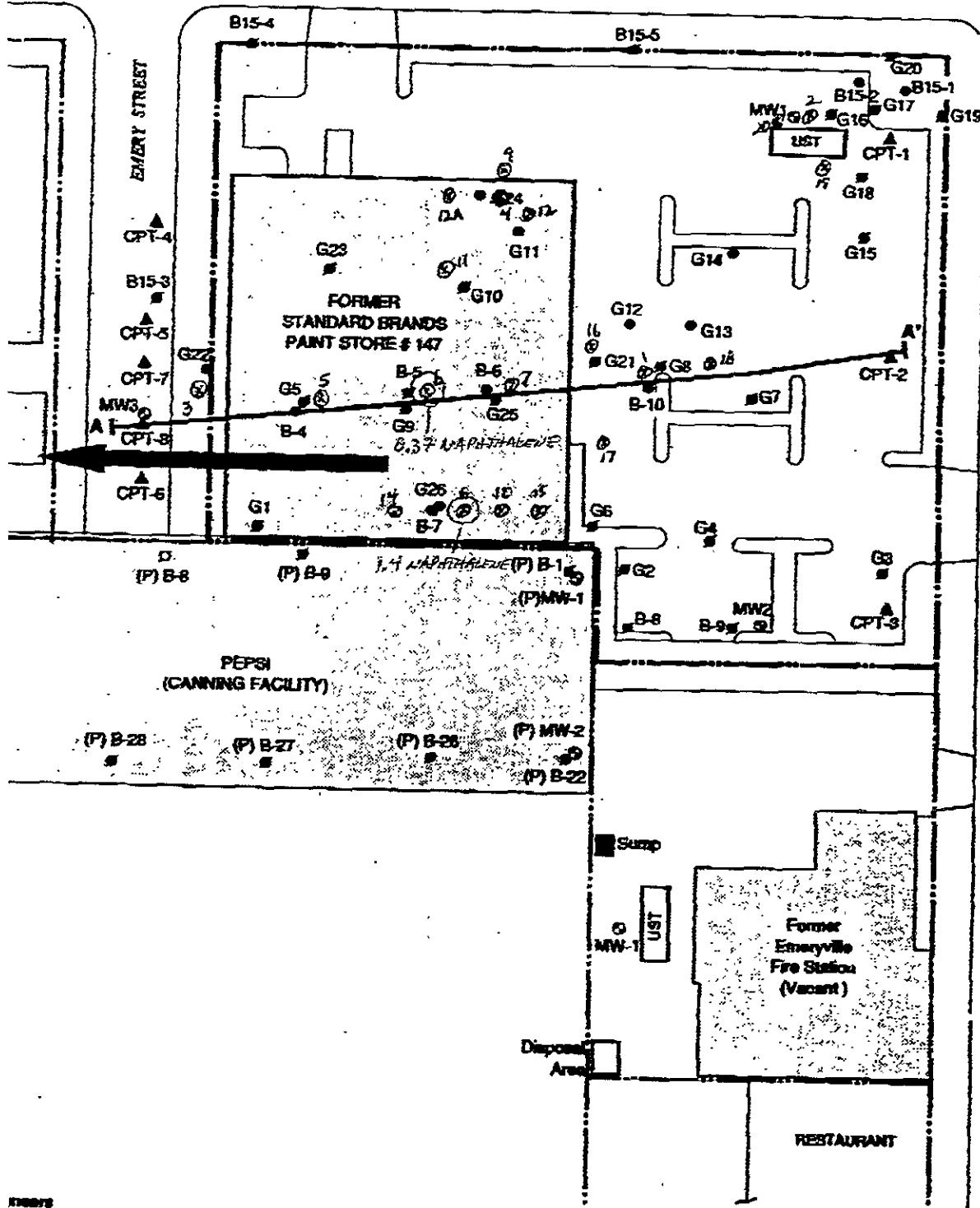
SAN PABLO AVENUE



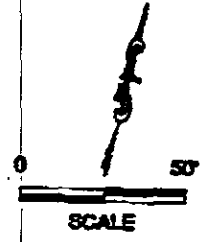
PAH's - 15'

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

SET



SAN PABLO AVENUE

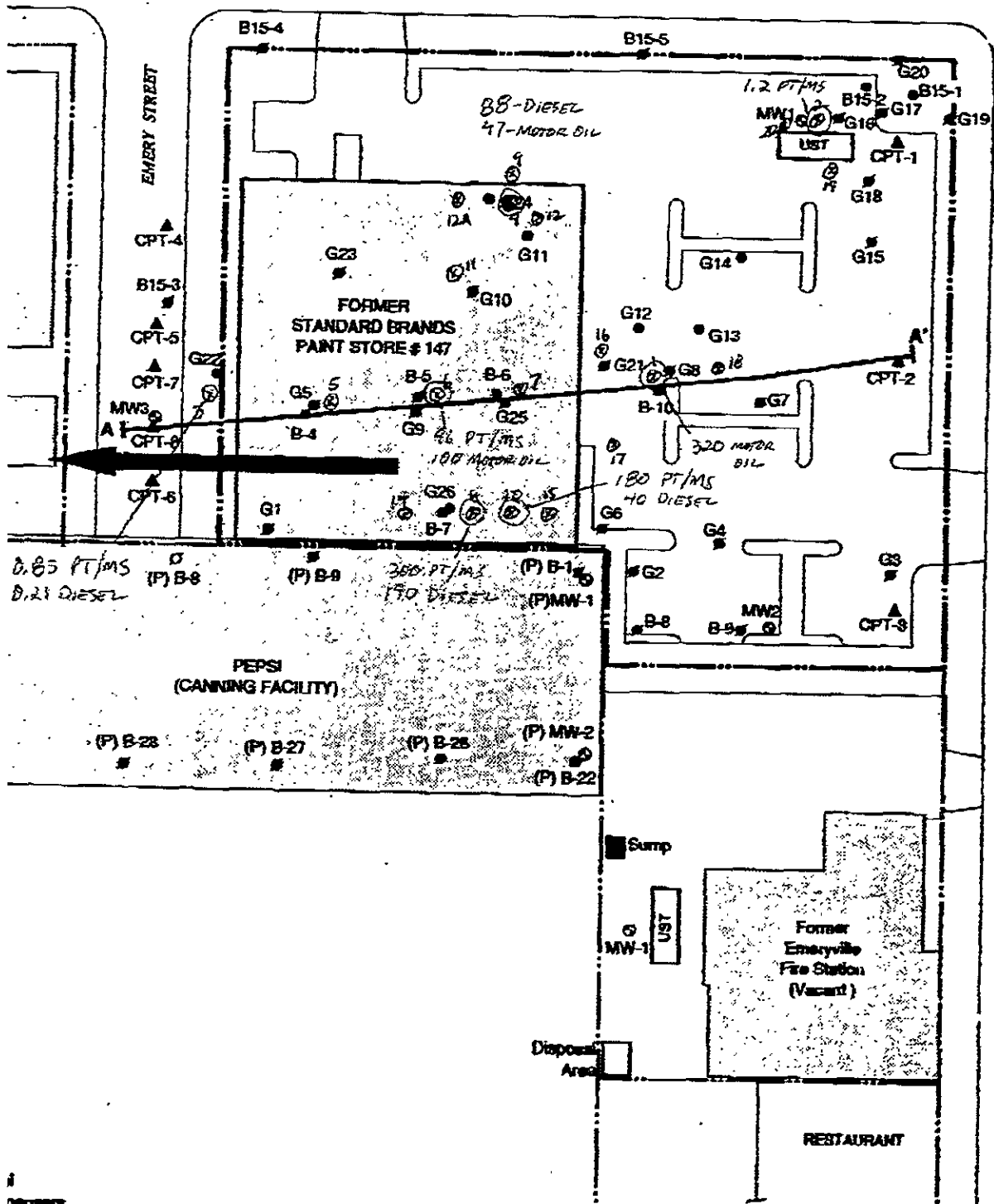


78810017

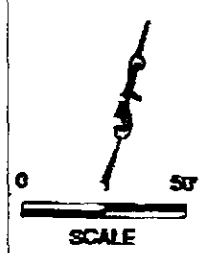
IPH - GROUND WATER

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

HEET



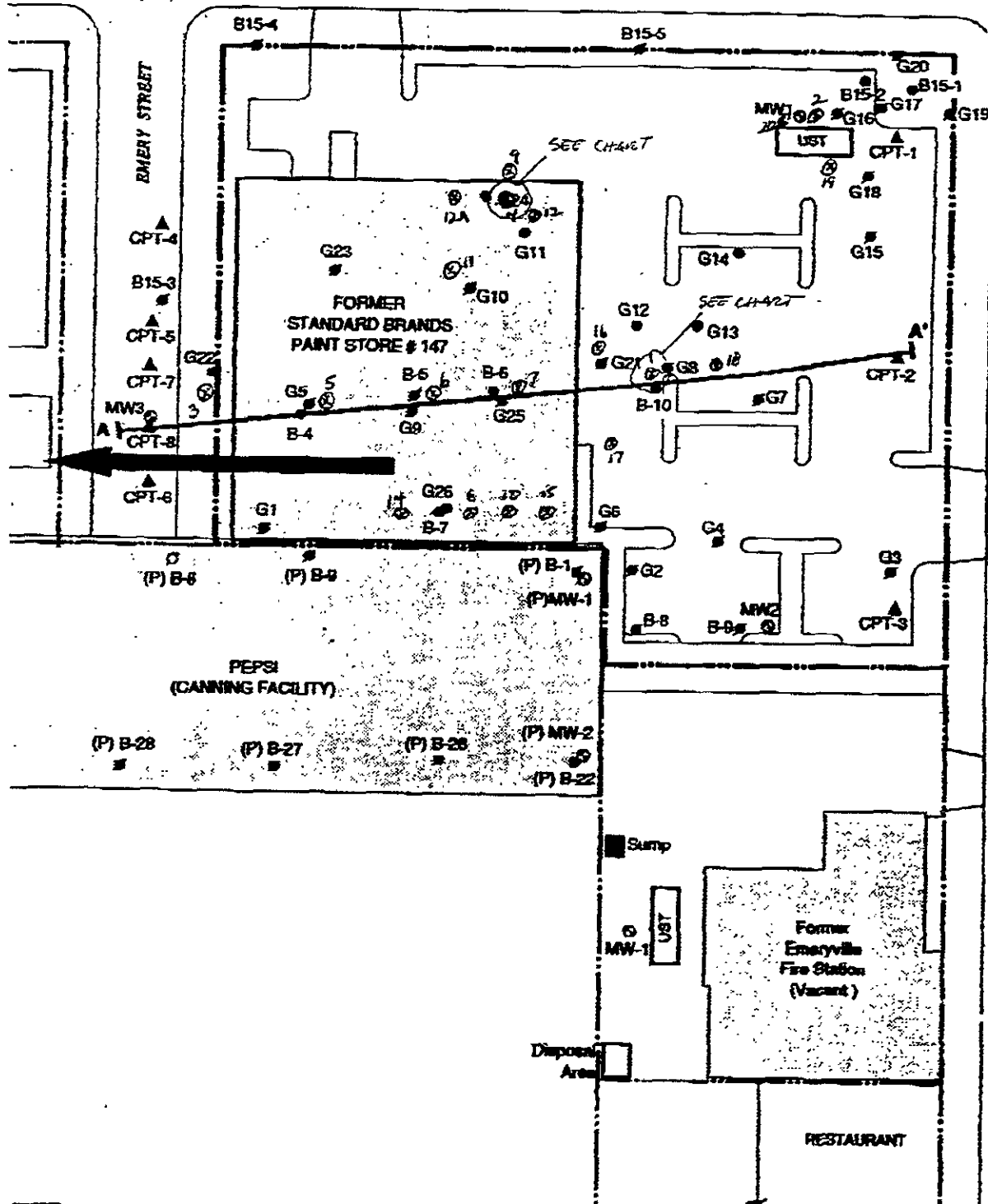
SAN PABLO AVENUE



PAHs - GROUNDWATER

**FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS**

EET



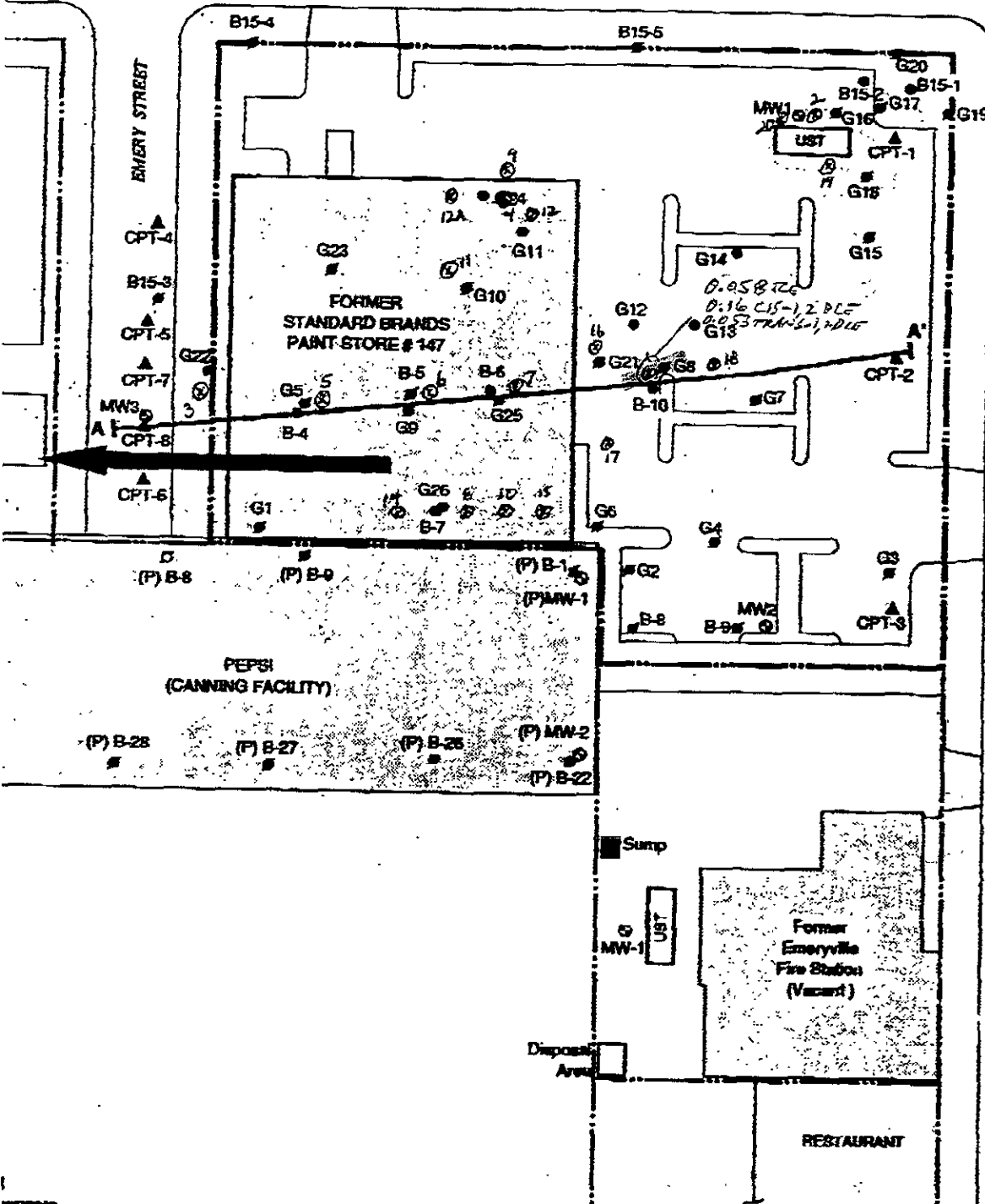
SAN PABLO AVENUE



VOCs - GROUNDWATER

FIGURE 3
ENVIROPRO AND ENVIRON LOCATIONS

SET



SAN PABLO AVENUE



181004T



HYDRODATA

DATE: _____

DTU = DEPTH TO WATER
 DTP = DEPTH TO PRODUCT
 TD = CASING DEPTH
 BTD = BOREHOLE DEPTH

PROJECT: _____ EVENT: _____ SAMPLER: _____

| NO. | WELL OR LOCATION | DATE | | | TIME | | MEASUREMENT | CODE | COMMENTS | | | | |
|-----|------------------|------|----|----|------|-----|-------------|-------|----------|-------|--------|----|--|
| | | MO | DA | YR | HR | MIN | | | | | | | |
| 1 | MH-4 | | | | | | | DTP | DTU | T.D. | B.T.D. | | |
| | | | | | | | | 10.95 | 10.96 | 20 | 23 | | |
| 2 | MH-12 | | | | | | | 17.92 | 17.93 | 19 | 19 | | |
| 3 | MH-12A | | | | | | | | | DRY | 14.5 | 20 | |
| 4 | MH-11 | | | | | | | | | DRY | 14 | 16 | |
| 5 | MH-6 | | | | | | | 10.98 | 11.0 | 20.8 | 21 | | |
| 6 | MH-5 | | | | | | | | 12.45 | 17.8 | 21 | | |
| 7 | MH-14 | | | | | | | | 10.95 | 15.35 | 16 | | |
| 8 | MH-8 | | | | | | | | 10.91 | 14.20 | 16 | | |
| 9 | MH-10 | | | | | | | | 10.75 | 13.90 | 16 | | |
| 10 | MH-15 | | | | | | | ✓ | 10.62 | 12.50 | 13 | | |
| 11 | MH-13 | | | | | | | | DRY | 17.50 | 20 | | |
| 12 | MH-16 | | | | | | | | DRY | 15.75 | 16 | | |
| 13 | MH-1 | | | | | | | | 8.30 | 14.92 | 16 | | |
| 14 | MH-17 | | | | | | | | DRY | | 12 | | |
| 15 | MH-18 | | | | | | | | DRY | 16.0 | 20 | | |
| 16 | MH-19 | | | | | | | | 4.41 | 15.0 | 21 | | |
| 17 | MH-20 | | | | | | | | 3.91 | 5.5' | 20 | | |
| 18 | MH-2 | | | | | | | | 7.72 | 14.5 | 16 | | |
| 19 | MH-9 | | | | | | | | 9.75 | 18.4 | 25 | | |
| 20 | MH-3 | | | | | | | | DRY | | 21 | | |

CODES:

- *SWL - Static Water Level (Feet)
- *IWL - Instant Water Level; Non-Static (Feet)
- *OIL - Oil Level (Feet)
- *OWI - Oil/Water Interface (Feet)
- *MTD - Measured Total Depth (Feet)
- FLO - Flow Rate (Gallons/Minute)
- CUM - Cumulative (Gallons)

- HRS - Total (Hours)
- PSI - Pressure (psi)²
- pH - 1 to 14
- Ec - Conductivity (µm HOS)
- TMP - Temperature (°C)
- TRB - Turbidity (NTU)
- - - (Additional Code)

*All levels are depth from inner casing - describe any other reference points in comments column; when in doubt, describe reference point.

Note in comments column if well is not: properly labeled, locked, or able to be locked. Describe corrective action.

Note flooding of work box, odor, access problems.

*Negative pressure (Vacuum) not to exceed _____

Physical Parameters and TOC Analysis

| Analysis | MH-1 | | | MH-5 | | | MH-8 | | |
|------------------------------|--------|-------|-------|-------|------|-------|-------|-------|-------|
| | 2 | 8 | 15 | 2 | 8 | 16 | 2 | 8 | 11 |
| <i>Specific Gravity</i> | 2.57 | 2.56 | 2.52 | 2.66 | 2.56 | 2.57 | 2.51 | 2.6 | 2.57 |
| <i>Dry Unit Weight (pcf)</i> | 111.8 | 111.1 | 108.1 | 116.2 | 107 | 108.2 | 105.2 | 104.2 | 107.7 |
| <i>Water Content (%)</i> | 10.6 | 17.3 | 21.5 | 5.9 | 20.6 | 17.8 | 19.4 | 18.9 | 21 |
| <i>Porosity (%)</i> | 30.3 | 30.5 | 31.3 | 30.6 | 33.1 | 32.5 | 32.9 | 35.8 | 33 |
| <i>Total Organic Carbon</i> | 24000* | 5200 | 1000 | 21000 | 6000 | 2100 | 22000 | 5200 | 4000 |

* TOC concentrations in ppm

JUN 6 '97 16:44 FR MCLAREN/HART ALAMEDA S10 S21 1547 TO 3379335

Soil Analytical Results (ppm)
 Former Standard Brands Paint Store
 4343 San Pablo Ave
 Emeryville, CA

| Analysis | MH-1 | | | | | | MH-2 | | |
|-------------------------------|------|-----|----|------|----|-----|------|------|------|
| | 2 | 5.5 | 8 | 10.5 | 15 | 18 | 5.5 | 10.5 | 15.5 |
| TPH | | | | | | | | | |
| Paint Thinner/Mineral Spirits | NA | ND | NA | 4500 | ND | 330 | ND | 19 | ND |
| Motor Oil | | 130 | | | | | ND | ND | |
| Diesel | | ND | | | | | | | |
| PAHs | | | | | | | | | |
| Naphthalene | | ND | | ND | | | | | |
| 2-Methylnaphthalene | | | | | | | | | |

ND = NON DETECT
 NA = NOT ANALYZED FOR

Soil Analytical Results (ppm)
 Former Standard Brands Paint Store
 4343 San Pablo Ave
 Emeryville, CA

| Analysis | MH-3 | | | | MH-4 | | | |
|-------------------------------|------|------|------|------|------|------|------|------|
| | 5.6 | 10.5 | 15.5 | 20.6 | 5.6 | 10.5 | 15.5 | 20.6 |
| TPH | | | | | | | | |
| Paint Thinner/Mineral Spirits | ND | ND | 1.1 | ND | ND | ND | ND | ND |
| Motor Oil | 5.7 | 3.6 | 1.3 | 3.2 | 8 | 1.1 | 20 | 12 |
| Diesel | ND | ND | ND | ND | ND | ND | 16 | ND |
| PAHs | | | | | | | | |
| Naphthalene | ↓ | ↓ | ↓ | ↓ | ND | ND | ND | ↓ |
| 2-Methylnaphthalene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

JUN 6 '97 16:44 FR MCLDOPEN/HART ALAMEDA S10 S21 1547 TO 3379335

P.15

Soil Analytical Results (ppm)
 Former Standard Brands Paint Store
 4343 San Pablo Ave
 Emeryville, CA
 MH-5

| Analysis | 2 | 5.5 | 8 | 10.5 | 15 | 18 | 20.5 |
|-------------------------------|----|-----|----|------|-----|----|------|
| TPH | | | | | | | |
| Paint Thinner/Mineral Spirits | NA | ND | NA | 44 | 100 | NA | ND |
| Motor Oil | | 2.8 | | 35 | ND | | 1.4 |
| Diesel | | ND | | ND | | | ND |
| PAHs | | | | | | | |
| Naphthalene | | ND | | ND | | | |
| 2-Methylnaphthalene | | | | | | | |

JUN 6 '97 16:44 FR MCLAREN HART ALAMEDA 510 521 1547 TO 3379335 P.16

Soil Analytical Results (ppm)
Former Standard Brands Paint Store
4343 San Pablo Ave
Emeryville, CA

| Analysis | MH-6 | | | | MH-7 | | | | |
|-------------------------------|------|------|------|------|------|----|------|----|------|
| | 5.6 | 10.5 | 15.5 | 20.5 | 5.5 | 9 | 15.5 | 19 | 27.5 |
| TPH | | | | | | | | | |
| Paint Thinner/Mineral Spirits | 570 | 300 | 340 | 1.5 | 520 | 43 | 12 | 50 | NA |
| Motor Oil | ND | 530 | 240 | 3.2 | ND | ND | ND | ND | ↓ |
| Diesel | ↓ | ND | ND | 2.2 | ↓ | ↓ | ↓ | ↓ | |
| FAHs | | | | | | | | | |
| Naphthalene | 0.8 | 0.68 | 0.37 | ND | 2.9 | ND | ND | ND | ↓ |
| 2-Methylnaphthalene | ND | ND | ND | ↓ | ND | ↓ | ↓ | ↓ | |

JUN 6 '97 16:44 FR MCLP/REN/HART ALAMEDA 510 521 1547 TO 3379235

P.17

Soil Analytical Results (ppm)
Former Standard Brands Paint Store
4343 San Pablo Ave
Emeryville, CA

| Analysis | MH-8 | | | | | MH-10 | | | |
|-------------------------------|------|------|----|------|----|-------|-----|------|------|
| | 2 | 5.5 | 8 | 10.5 | 11 | 14.5 | 8 | 10 | 10.5 |
| TPH | | | | | | | | | |
| Paint Thinner/Mineral Spirits | NA | 1500 | NA | 910 | NA | 880 | 100 | 4900 | NA |
| Motor Oil | ↓ | ND | ↓ | ND | ↓ | ND | ↓ | ↓ | ↓ |
| Diesel | ↓ | 1200 | ↓ | 570 | ↓ | 400 | 120 | 1300 | ↓ |
| PAHs | | | | | | | | | |
| Naphthalene | ↓ | 3 | ↓ | 3.4 | ↓ | 1.4 | ND | ND | ↓ |
| 2-Methylnaphthalene | ↓ | 0.68 | ↓ | 0.71 | ↓ | ND | ↓ | ↓ | ↓ |

JUN 6 '97 16:44 FR MCLUREN/HART ALAMEDA S10 S21 1547 TO 3379335 P.18

Soil Analytical Results (ppm)
Former Standard Brands Paint Store
4343 San Pablo Ave
Emeryville, CA

| Analysis | MH-13 | | | | MH-14 | | | MH-15 | |
|-------------------------------|-------|-----|-----|------|-------|----|------|-------|-----|
| | 5 | 5.5 | 9.5 | 15.5 | 5.5 | 10 | 10.5 | 4.5 | 5 |
| TPH | | | | | | | | | |
| Paint Thinner/Mineral Spirits | 97 | NA | 32 | 48 | ND | ND | NA | NA | ND |
| Motor Oil | ND | | ND | ND | 2.4 | 8 | | | 4.7 |
| Diesel | ↓ | | ↓ | 2.6 | ND | ND | | | ND |
| PAHs | | | | | | | | | |
| Naphthalene | NA | | NA | NA | NA | NA | | | NA |
| 2-Methylnaphthalene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

JUN 6 '97 16:45 FR MCLPPEY/HART ALAMEDA 510 521 1547 TO 3379335 P.19

Soil Analytical Results (ppm)
Former Standard Brands Paint Store
4343 San Pablo Ave
Emeryville, CA

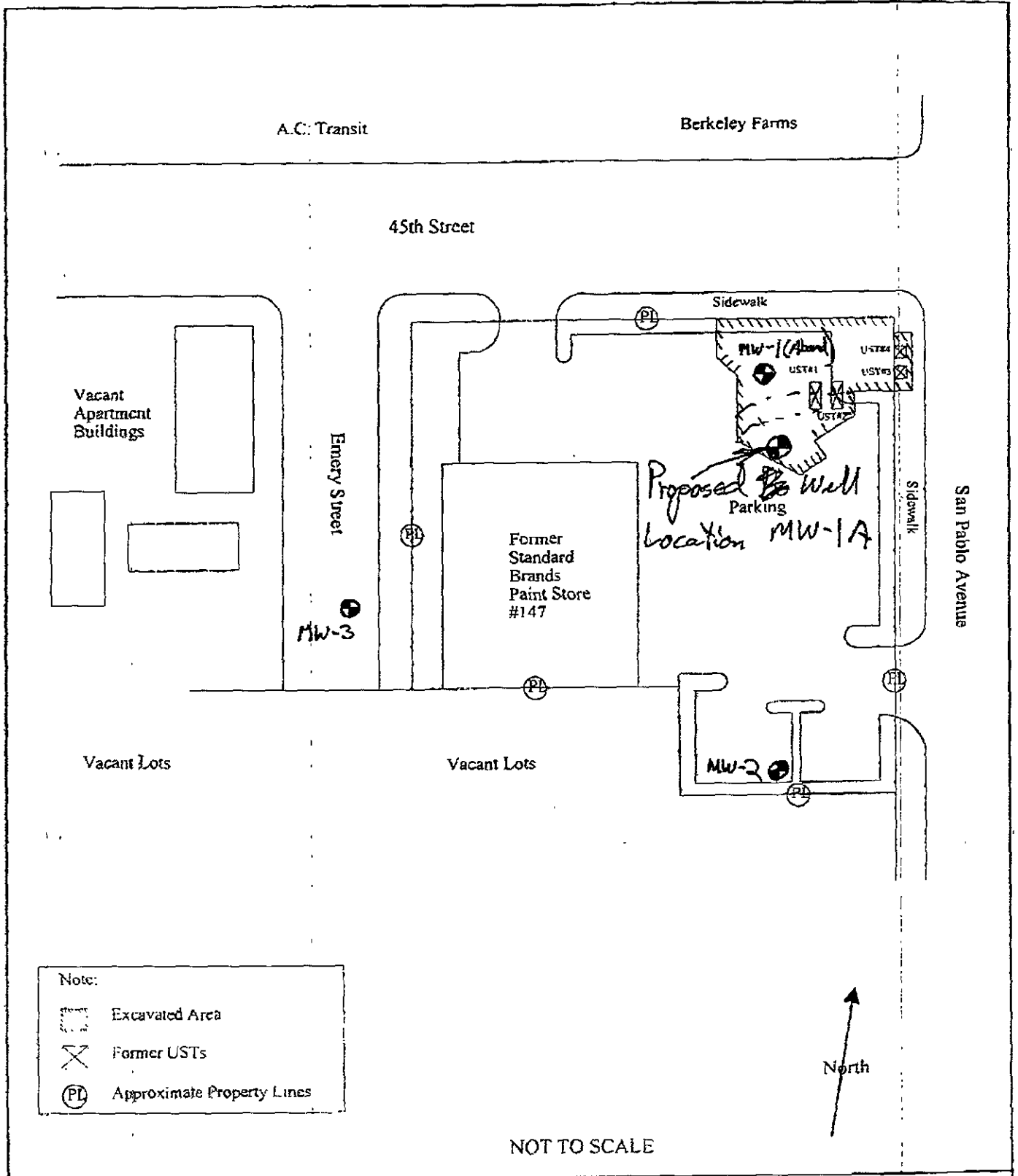
| Analysis | MH-16 | | | | MH-17 | | MH-18 |
|-------------------------------|-------|-----|------|--------|-------|----|-------|
| | 5 | 5.5 | 10.5 | 15.5 | 10.5 | 11 | 11.5 |
| TPH | ND | NA | ND | (Hold) | ND | NA | ND |
| Paint Thinner/Mineral Spirits | ND | NA | ND | (Hold) | ND | NA | ND |
| Motor Oil | 1800 | | 200 | | 5.3 | | |
| Diesel | ND | | ND | | ND | | |
| PAHs | NA | | NA | ND | NA | | NA |
| Naphthalene | | | | | | | |
| 2-Methylnaphthalene | | | | | | | |

JUN 6 '97 16:45 FR MCLBRENHART ALAMEDA 510 521 1547 TO 3379335

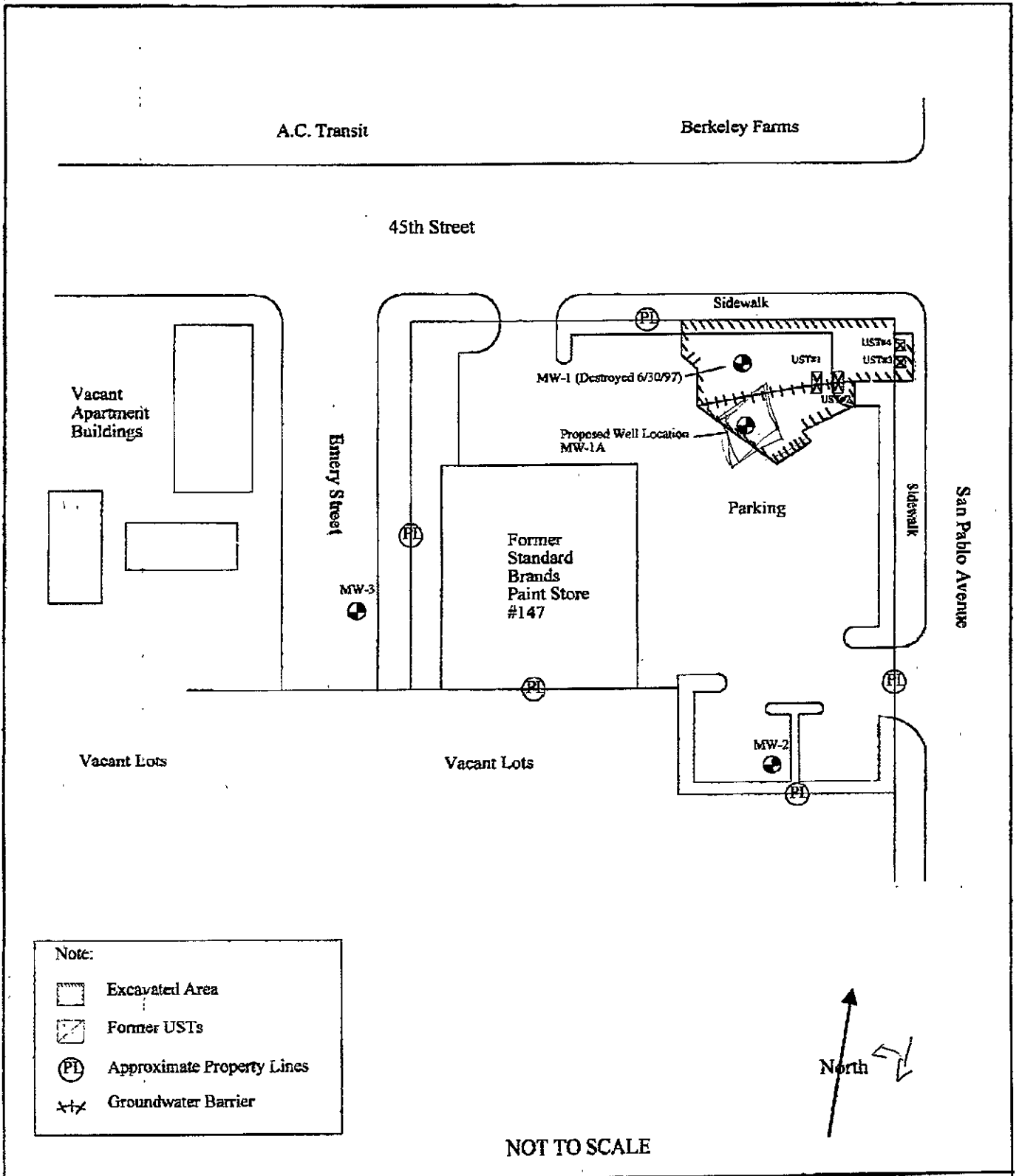
P.20

Groundwater Analytical Results (ppm)
 Former Standard Brands Paint Store
 4343 San Pablo Ave
 Emeryville, CA

| Analysis | MW-3 | MH-1 | MH-2 | MH-4 | MH-5 | MH-6 | MH-10 | MH-14 | MH-15 | MW-2 | MW-1 |
|-------------------------------|------|-------|------|--------|------|------|-------|-------|-------|------|------|
| TPH | | | | | | | | | | | |
| Paint Thinner/Mineral Spirits | 0.83 | ND | 1.2 | ND | 96 | 300 | 180 | 12 | 2.6 | ND | ND |
| Diesel | 0.21 | ND | ND | 86 | ND | 190 | 40 | ND | ND | ↓ | ↓ |
| Motor Oil | ND | 320 | ↓ | 47 | 100 | ND | ND | ↓ | ↓ | ↓ | ↓ |
| VOCs | | | | | | | | | | | |
| Trichloroethene | ND | 0.058 | ND | ND | ND | ND | NA | NA | NA | ND | ND |
| cis-1,2-Dichloroethene | ↓ | 0.16 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| trans-1,2-Dichloroethene | ↓ | 0.053 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| PAHs | | | | | | | | | | | |
| Naphthalene | NA | ND | NA | 0.002 | NA | NA | | | NA | NA | NA |
| Acenaphthylene | | | | 0.003 | | | | | | | |
| Acenaphthene | | | | 0.004 | | | | | | | |
| Fluorene | | | | 0.012 | | | | | | | |
| Phenanthrene | | | | 0.019 | | | | | | | |
| Anthracene | | | | 0.013 | | | | | | | |
| Fluoranthene | | | | 0.007 | | | | | | | |
| Pyrene | | 0.002 | | 0.036 | | | | | | | |
| Benzo(a)anthracene | | 0.001 | | 0.015 | | | | | | | |
| Chysene | | ND | | 0.033 | | | | | | | |
| Benzo(a)pyrene | | ↓ | | 0.009 | | | | | | | |
| Benzo(h)fluoranthene | | ↓ | | 0.006 | | | | | | | |
| Benzo(g,h,i)perylene | | ↓ | | 0.002 | | | | | | | |
| Metals | | | | | | | | | | | |
| As | | | | 0.0061 | | | | | | | |
| Ba | | | | 0.34 | | | | | | | |
| Ni | | | | 0.072 | | | | | | | |

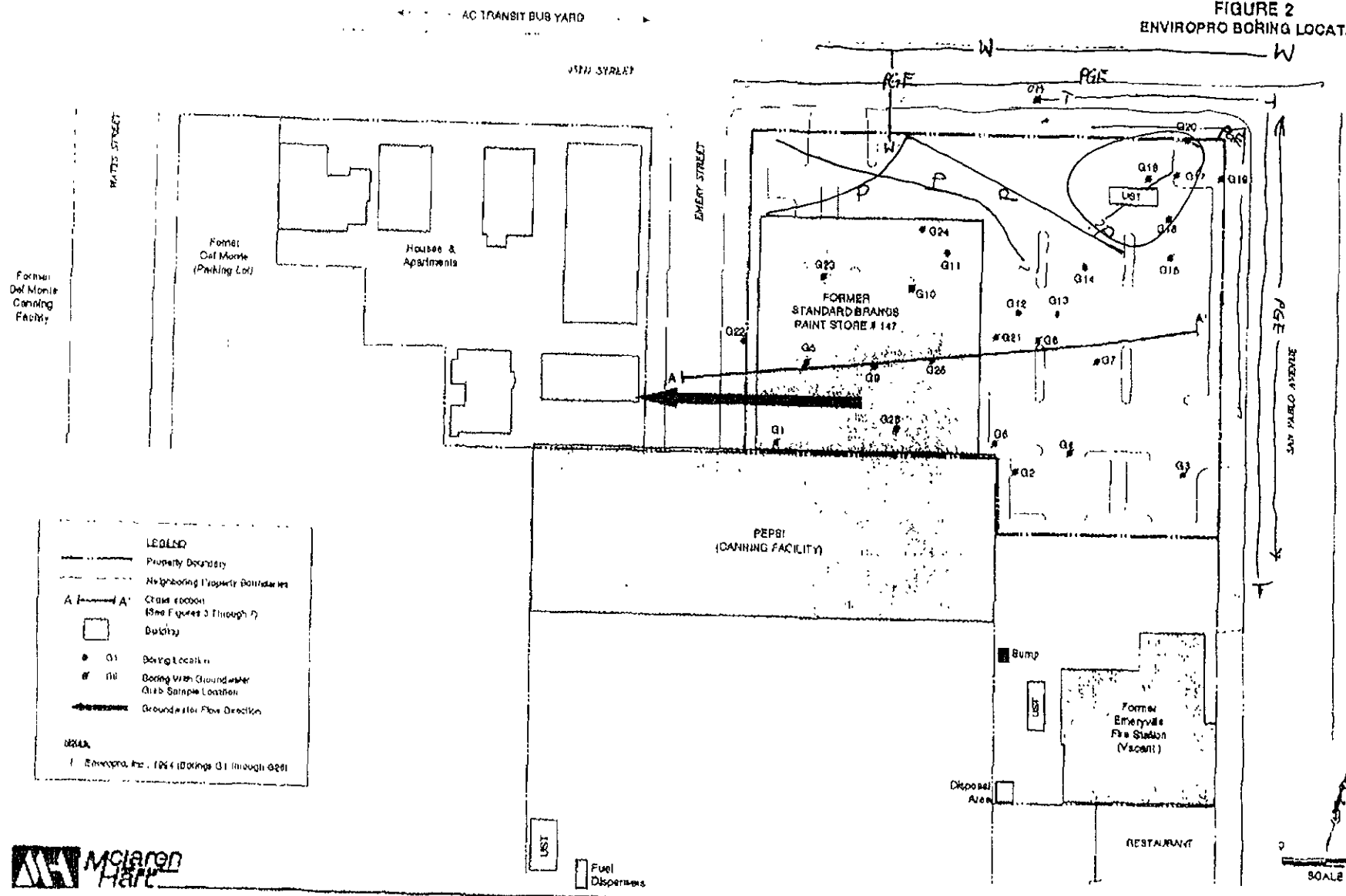


| | | | |
|--|---------------|--|----------|
| FAST-TEK ENGINEERING SUPPORT SERVICES 247B Tewksbury Avenue Point Richmond, California 94801 Phone (510) 232-2728 Fax (510) 232-2823 | | Site Map Former Standard Brands Paint Company 4343 San Pablo Avenue Emeryville, California | |
| Project No.: 301-001-02F | Date: 9/10/97 | Prepared by: E. Chan | Figure 2 |



| | | | |
|--|---------------|--|----------|
| FAST-TEK ENGINEERING SUPPORT SERVICES 247B Tewksbury Avenue Point Richmond, California 94801 Phone (510) 232-2728 Fax (510) 232-2823 | | Site Map Former Standard Brands Paint Company 4343 San Pablo Avenue Emeryville, California | |
| Project No.: 301-001-02F | Date: 9/24/97 | Prepared by: E. Chan | Figure 2 |

FIGURE 2
ENVIROPRO BORING LOCATIONS



LEGEND

- Property Boundary
- Neighboring Property Boundaries
- A - A' Cross Section (See Figures 3 Through 7)
- Utility
- Q1 Boring Location
- Q2 Boring With Groundwater Grab Sample Location
- Groundwater Flow Direction

SCALE
1: Enviropro, Inc., 1994 (Borings Q1 through Q26)



Buried Utilities

- P Power
- W Water
- T Telephone
- PGE Pacific Gas & Electric

** TOTAL PRICE: 002 **

JUN 10 '97 17:27 FR MCLAREN/HART ALAMEDA 510 521 1547 TO 2322823

P. 02/02