

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION
1800 HARRISON STREET, SUITE 700
OAKLAND, CA 94612

Phone: Area Code 415
464-1255



MAY 22 1990

File No.: 1216.00 (RAD)

Paul Ekstrom
District Manager
California Water Service Company
195 South "N" Street
Livermore, CA 94550

SUBJECT: Request for Water Well Information

The following Cal water wells are located on properties adjacent to the Livermore Arcade Shopping Center site and should be studied for chlorinated and non-chlorinated hydrocarbons:

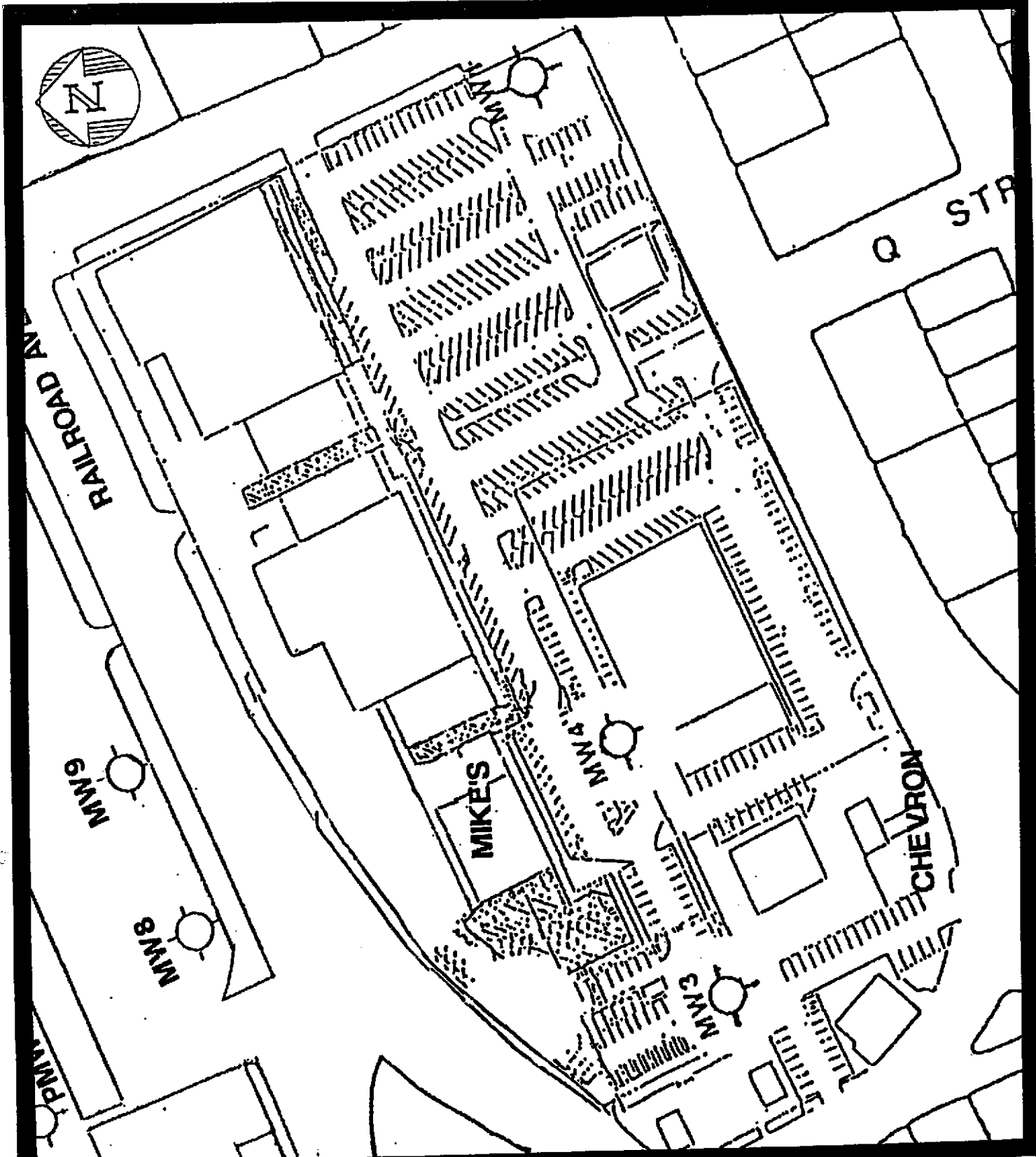
- 3S/2E, 8P1
- 3S/2E, 8P2
- 3S/2E, 8H1

Permission is hereby requested to allow Hygienetics Inc. to review monitoring data for these wells and to have access to their boring logs. Please contact Rico Duazo at (415) 464-0837 if you have any questions.

Sincerely,

Lester Feldman
Section Leader

cc: Gil Wistar, Alameda County Health Services
Karl Novak, Hygienetics Inc.
John Hyjer, Grub & Ellis



**PROPOSED INVERTIGATION
LIVERMORE ARCADE
LIVERMORE, CALIFORNIA**



Hygienetics Inc.

Industrial Hygienists
Architects / Engineers
Environmental Consultants

PROJECT NO.
48001.36

DRN. BY

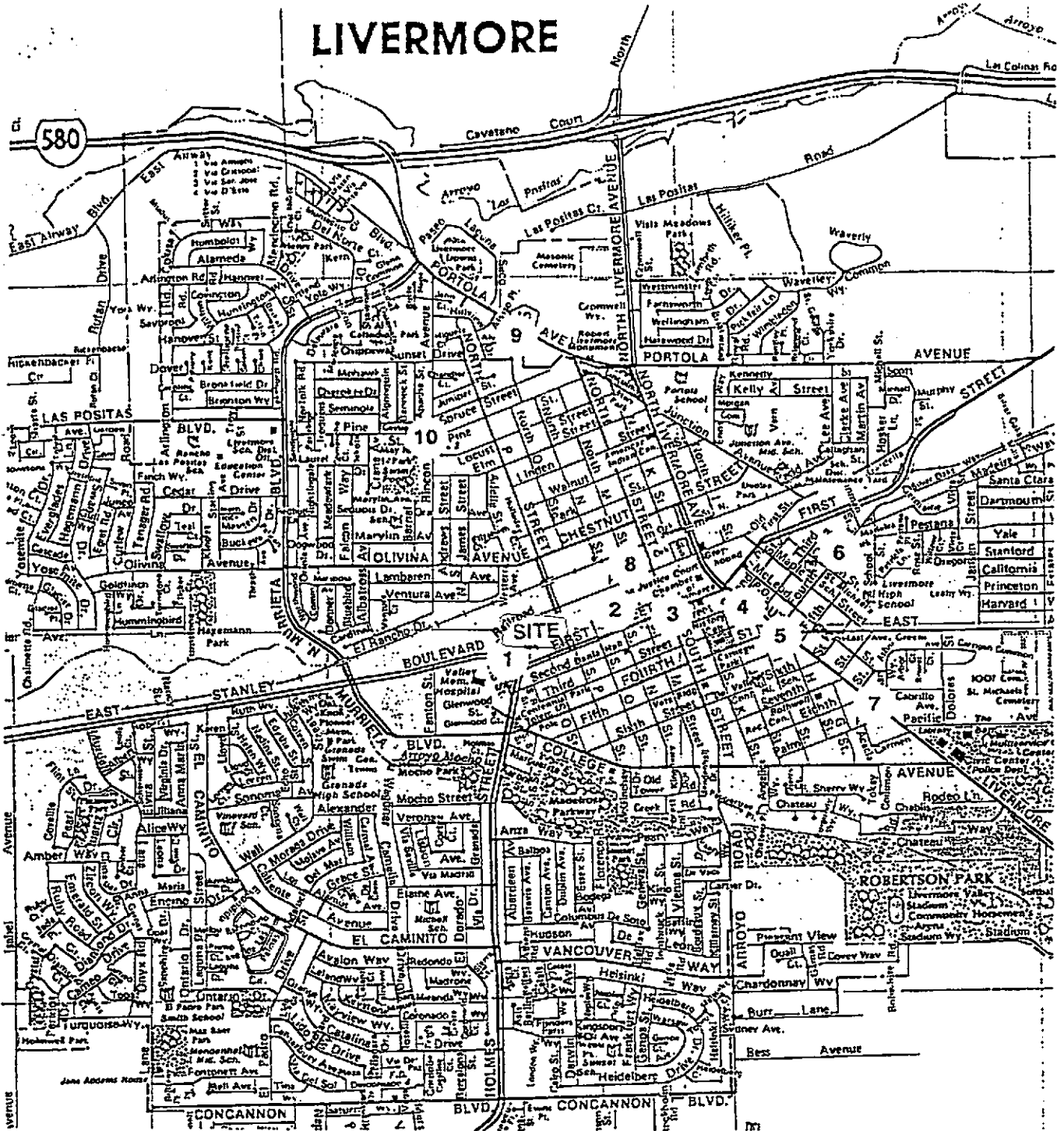
SITE MAP

DATE

8/8/90

REV.	DATE	DESCRIPTION

LIVERMORE



1 Location of Leaking Underground Storage Tank
 Numbers refer to names and addresses listed in Table 1

LOCATION MAP

Arcade Shopping Center
 Livermore, California



Hygienetics Inc.

Industrial Hygienists
 Architects / Engineers
 Environmental Consultants

PROJECT NO
48001-33

FIGURE 1

DATE
3/90

REV. DATE DESCRIPTION

TABLE 1

LEAKING UNDERGROUND STORAGE TANKS

Chevron, 1334 West First Street

Mill Springo Park Apartments, Railroad Avenue/S.L &
S.P Streets

Mobil, 2008 First Street

Pacific Bell, 2324 Second Street

Shell, 318 South Livermore Avenue

J & W Development, 2929 Fourth Street

Unocal, 900 South Livermore Avenue

Arrow Rentals, 187 West L Street

Shell, 1155 Portola Avenue

Arco, 899 Rincon Avenue

TABLE 1

SUMMARY OF ANALYTICAL RESULTS
3/24/90

	MW1	MW2	MW3
TPH	84,000	100	<50
BENZENE	11,000 (1)	<	<
TOLUENE	22,000 (100)	<	<
TOTAL XYLENES	20,000 (1750)	<	<
ETHYL BENZENE	3,400 (680)	<	<
TETRACHLOROETHYLENE*	<	330 (5)	<

SUMMARY OF ANALYTICAL RESULTS
4/10/90

	MW1	MW2	MW3
TPH	69,000	60	<50
BENZENE	14,000 (1)	<	<
TOLUENE	25,000 (100)	<	<
TOTAL XYLENES	20,000 (1750)	<	<
ETHYL BENZENE	3,500 (680)	<	<
TETRACHLOROETHYLENE*	<	360 (5)	<

Results in parts per billion

TPH(g) = Total Petroleum Hydrocarbons as gasoline

< = Below laboratory detection limit

* = Also known as Perchloroethylene (PCE)

(1) = Maximum Contaminant Level (MCL)

RCRA List

J's Cleaners	2093 RR Avenue
Mike's 1 Hour Cleaners	1430 1st Street
Orchard Supply Hardware	1450 1st Street
Pac Bell	3597 1st Street
Pac Bell	2324 2nd Street
Pac Bell	2388 2nd Street
Paul's Sparkle Cleaners	1332 RR Avenue
PG & E	3797 1st Street
Purity Cleaners	183 N. Livermore
Quality Cleaners	2048 1st Street
Shell Gas Station	318 S. Livermore
Shell Gas Station	809 E. Stanley/Murrietta
Shell Gas Station	1155 Portola/Murrietta
Tri Valley Auto	3561 1st Street
Unocal #4	1771 1st Street
Unocal	4700 1st Street
Valley Memorial Hospital	1111 E. Stanley

Suspect Businesses

BP	2000 1st Street
Groth Bros. Oldsmobile	1st/L Street
Firestone	1st Street
Union 76	1771 1st Street
Tri Valley Tune-up	1st/South O Street
Goodyear Auto	1682 1st Street
Livermore Muffler	1679 1st Street
Beacon Gas	1st/South P Street
Grand Auto	West 1st/South Q Street
Goodyear Tire	West 1st/South Q Street
Chevron	1334 West 1st Street
Flying J (Gas)	1st/South S Street



Hygienetics Inc.

2200 Powell Street
Suite 880
Emeryville, CA 94608
(415) 547-3886
Telecopy: (415) 547-3631

May 15, 1990

Paul Ekstrom
District Manager
California Water Service Company
195 South "N" Street
Livermore, California 94550

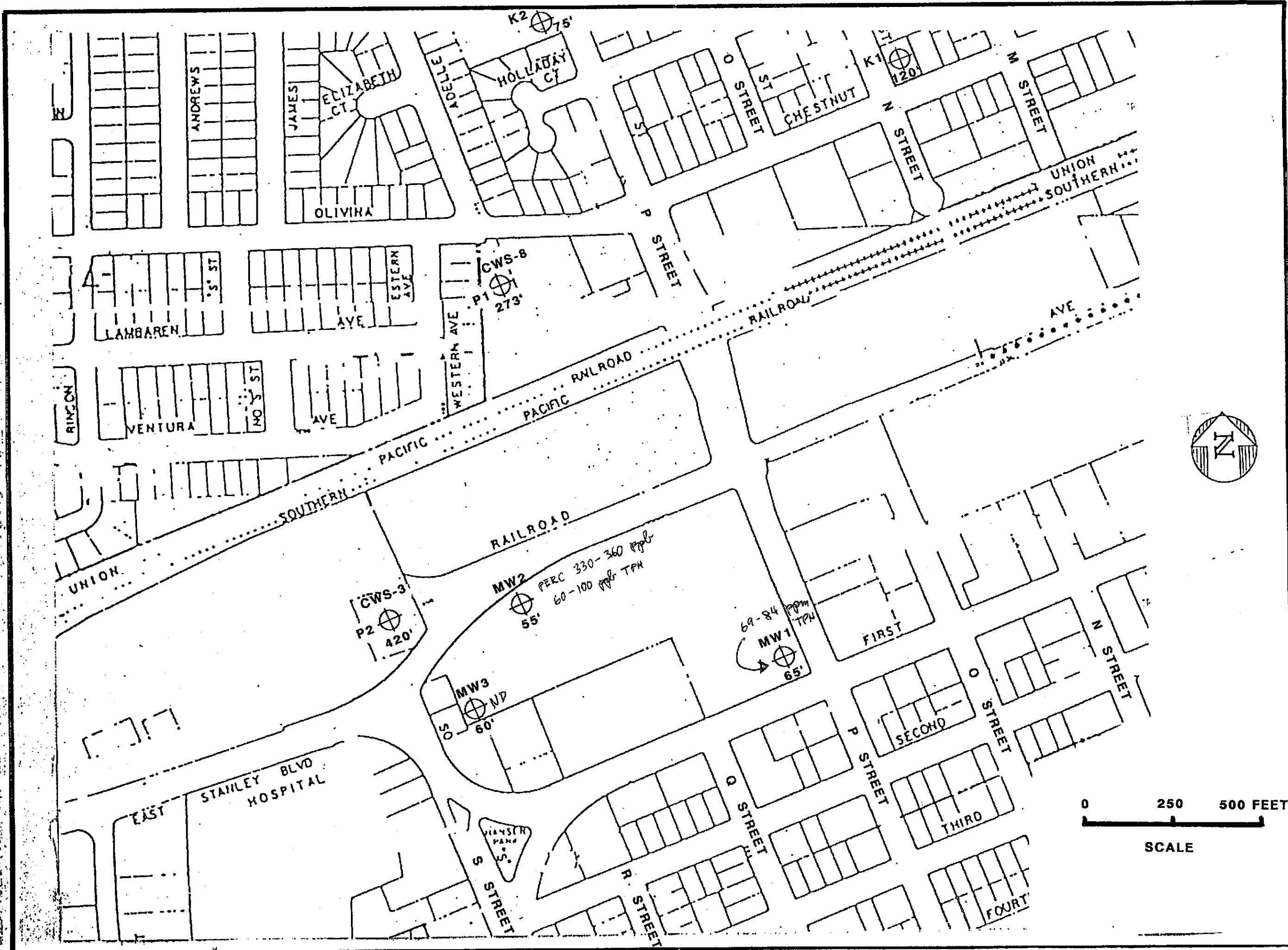
The following Cal water wells are located on properties adjacent to the Livermore Arcade Shopping Center site and should be tested for chlorinated and non-chlorinated hydrocarbons:

3S/2E, 8P1
3S/2E, 8P2
3S/2E, 8H1

Cal water will test only upon request from the Regional Water Quality Control Board.

INDUSTRIAL HYGIENISTS/ENGINEERS/ARCHITECTS/ENVIRONMENTAL CONSULTANTS

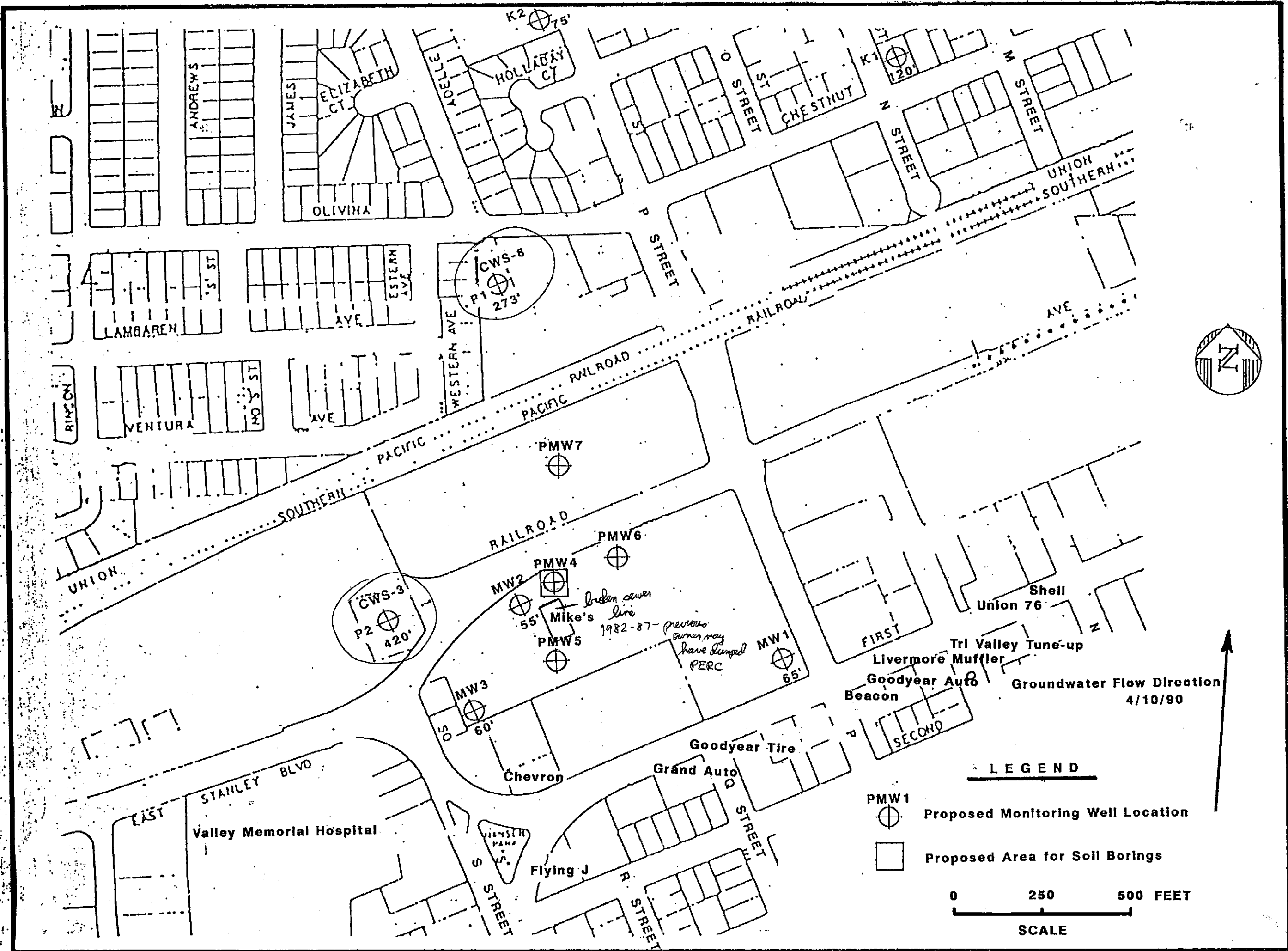
BOSTON NEW YORK HARTFORD WASHINGTON, D.C. LOS ANGELES HONOLULU CHICAGO OFFENBACH, FRG
Headquarters)



EXISTING WELLS
 Livermore
 Livermore, C

Hygienetics Inc.
 Industrial Hygienists
 Architects / Engineers
 Environmental Consultants

PROJECT NO.	
DRAWN BY	
CHECKED BY	
DATE	
REV	DATE DESCRIPTION



PROPOSED INVESTIGATION
Livermore Arcade
Livermore, California

Hygienetics Inc.
Industrial Hygienists
Architects / Engineers
Environmental Consultants

PROJECT NO.	
DATE	
BY	
CHECKED BY	
DATE	
BY	
CHECKED BY	
DATE	
BY	
CHECKED BY	
DATE	