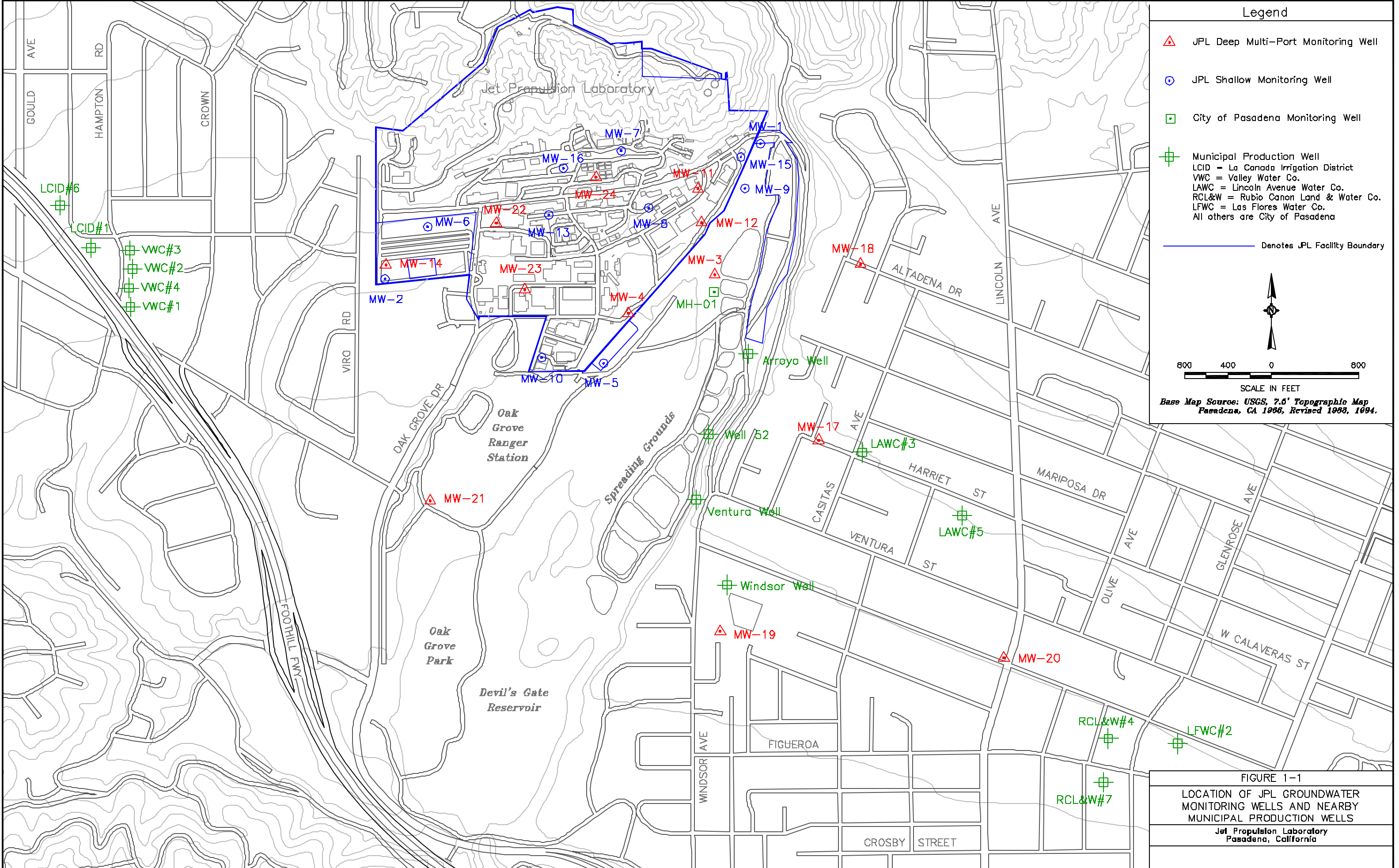


FIGURES



Legend

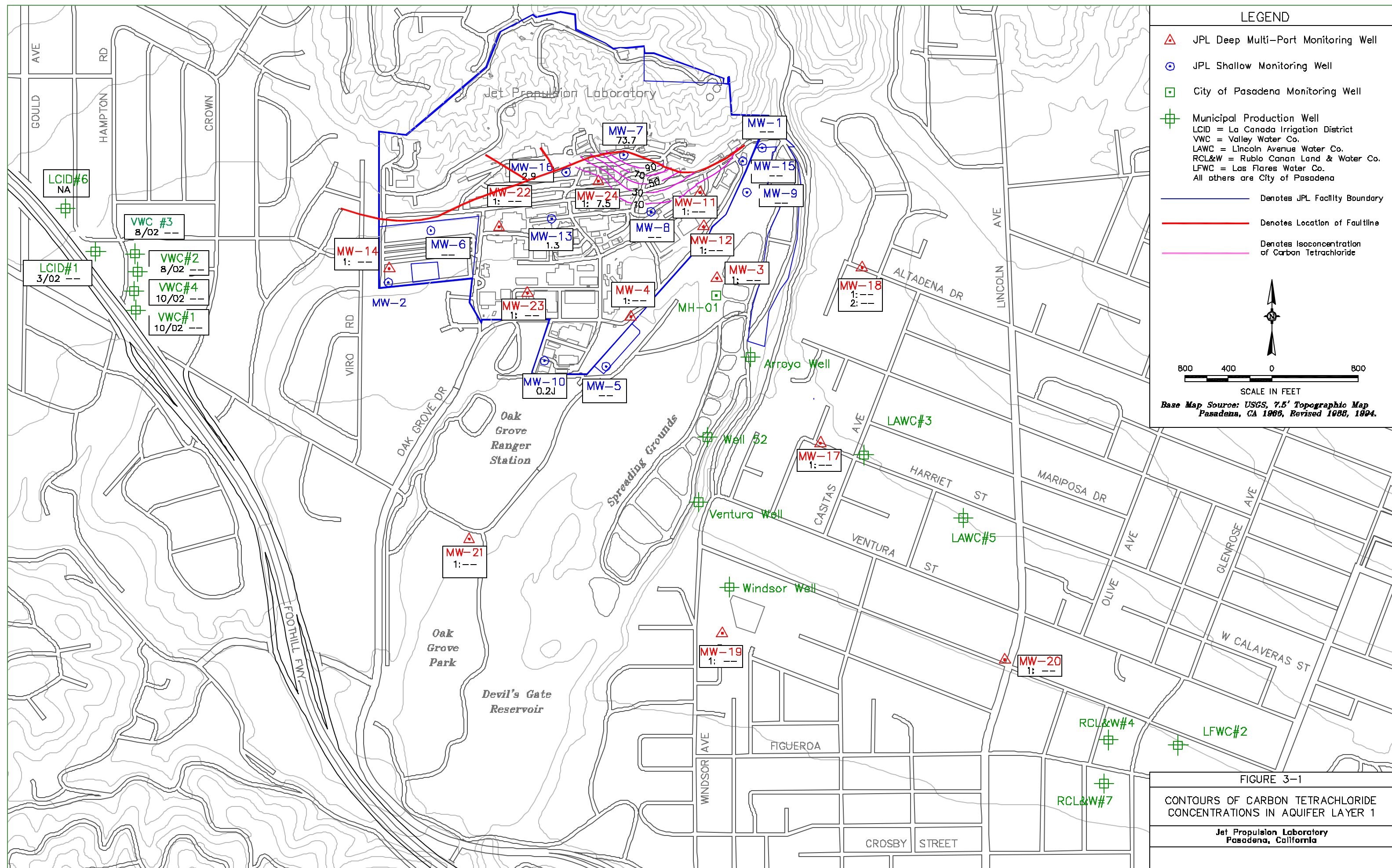
- ▲ JPL Deep Multi-Port Monitoring Well
- JPL Shallow Monitoring Well
- City of Pasadena Monitoring Well
- ✦ Municipal Production Well
LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena

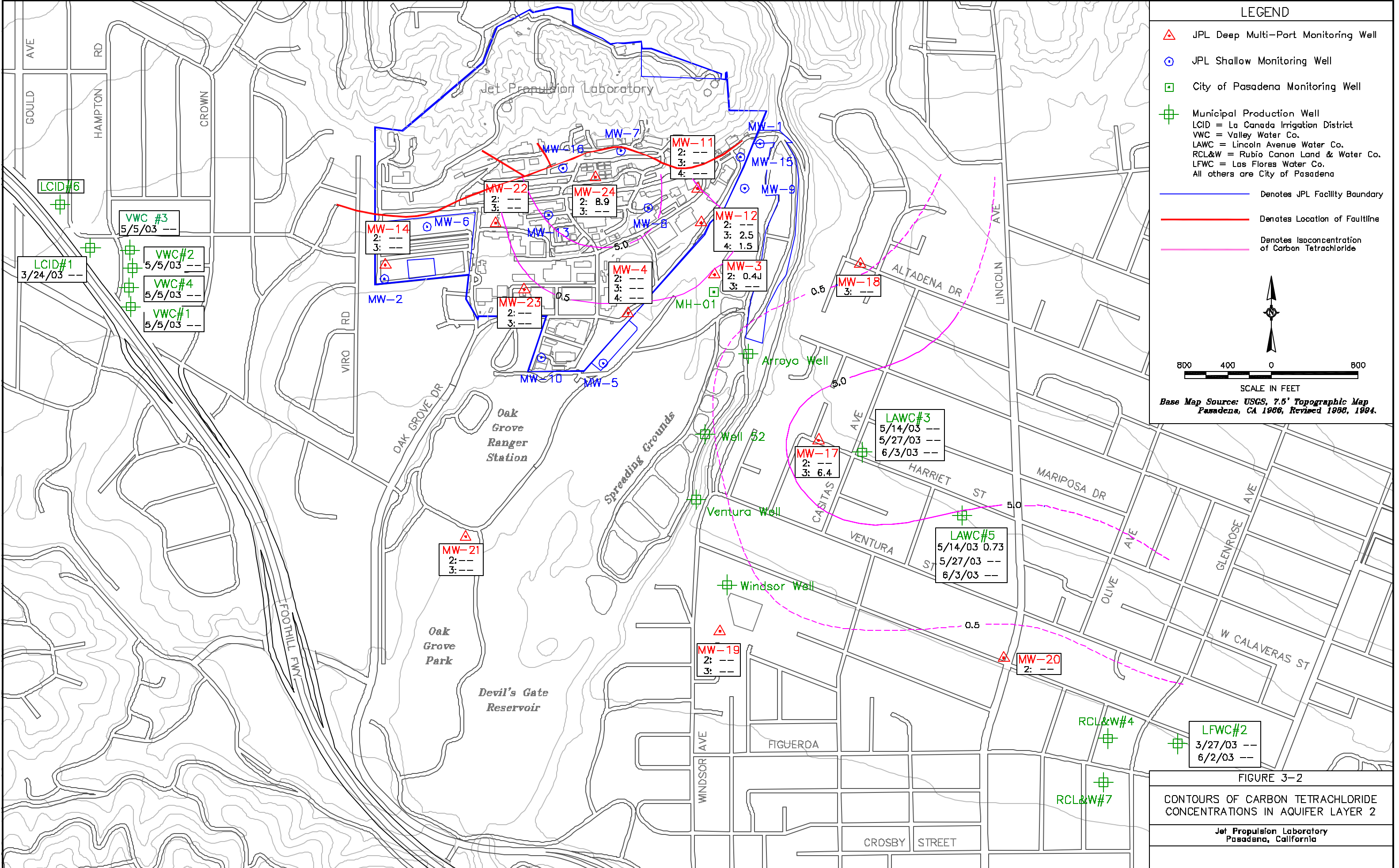
— Denotes JPL Facility Boundary

800 400 0 800
SCALE IN FEET

Base Map Source: USGS, 7.5' Topographic Map
Pasadena, CA 1966, Revised 1983, 1994.

FIGURE 1-1
LOCATION OF JPL GROUNDWATER
MONITORING WELLS AND NEARBY
MUNICIPAL PRODUCTION WELLS
Jet Propulsion Laboratory
Pasadena, California





LEGEND

JPL Deep Multi-Port Monitoring Well

JPL Shallow Monitoring Well

City of Pasadena Monitoring Well

Municipal Production Well

LCID = La Canada Irrigation District

VWC = Valley Water Co.

LAWC = Lincoln Avenue Water Co.

RCL&W = Rubio Canon Land & Water Co.

LFWC = Las Flores Water Co.

All others are City of Pasadena

Denotes JPL Facility Boundary

Denotes Location of Faultline

Denotes Isoconcentration of Carbon Tetrachloride

SCALE IN FEET

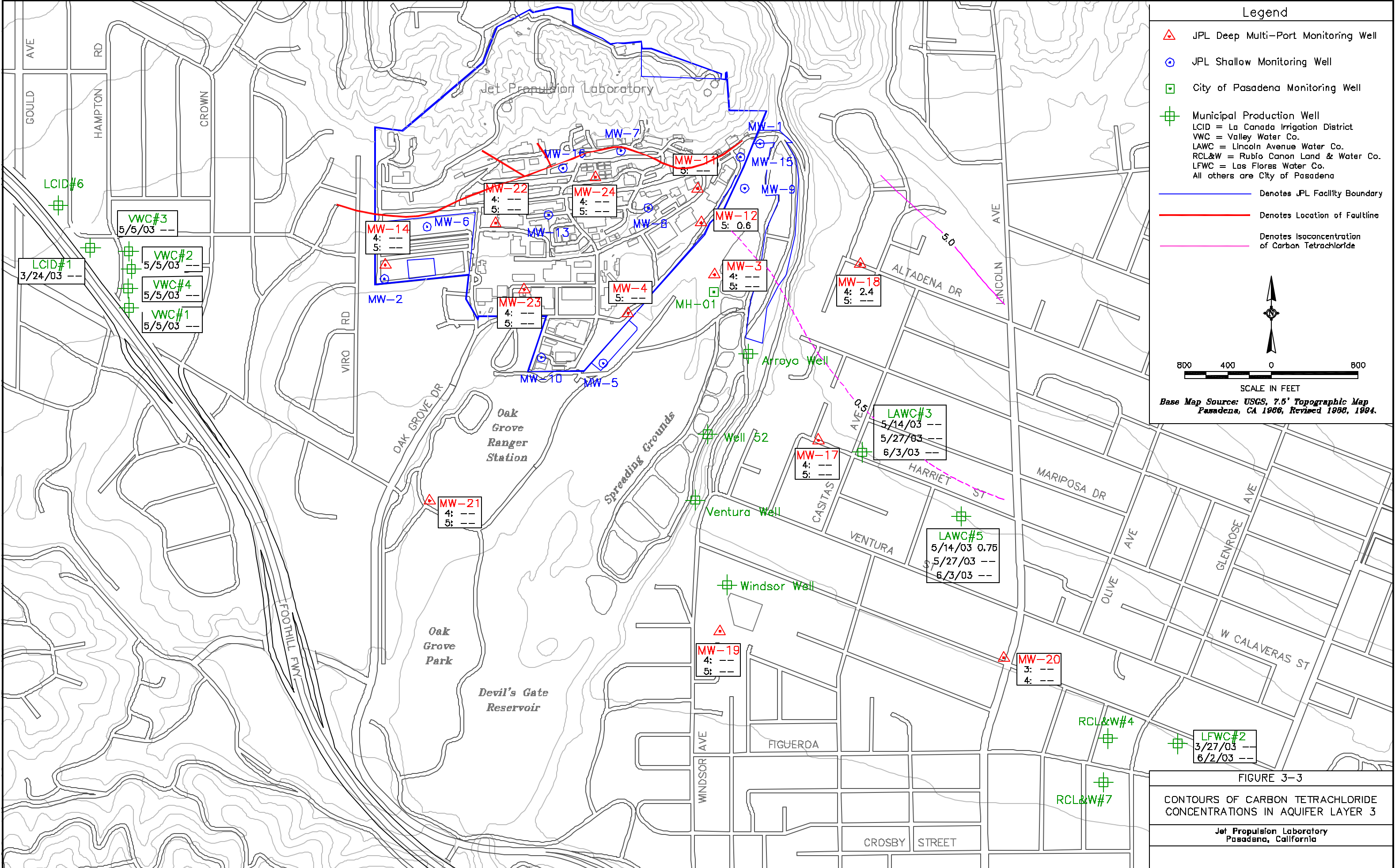
Base Map Source: USGS, 7.5' Topographic Map

Pasadena, CA 1966, Revised 1980, 1984.

FIGURE 3-2

CONTOURS OF CARBON TETRACHLORIDE CONCENTRATIONS IN AQUIFER LAYER 2

Jet Propulsion Laboratory
Pasadena, California



Legend

- JPL Deep Multi-Port Monitoring Well
- JPL Shallow Monitoring Well
- City of Pasadena Monitoring Well
- Municipal Production Well

LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena

- Denotes JPL Facility Boundary
- Denotes Location of Faultline
- Denotes Isocenters of Carbon Tetrachloride

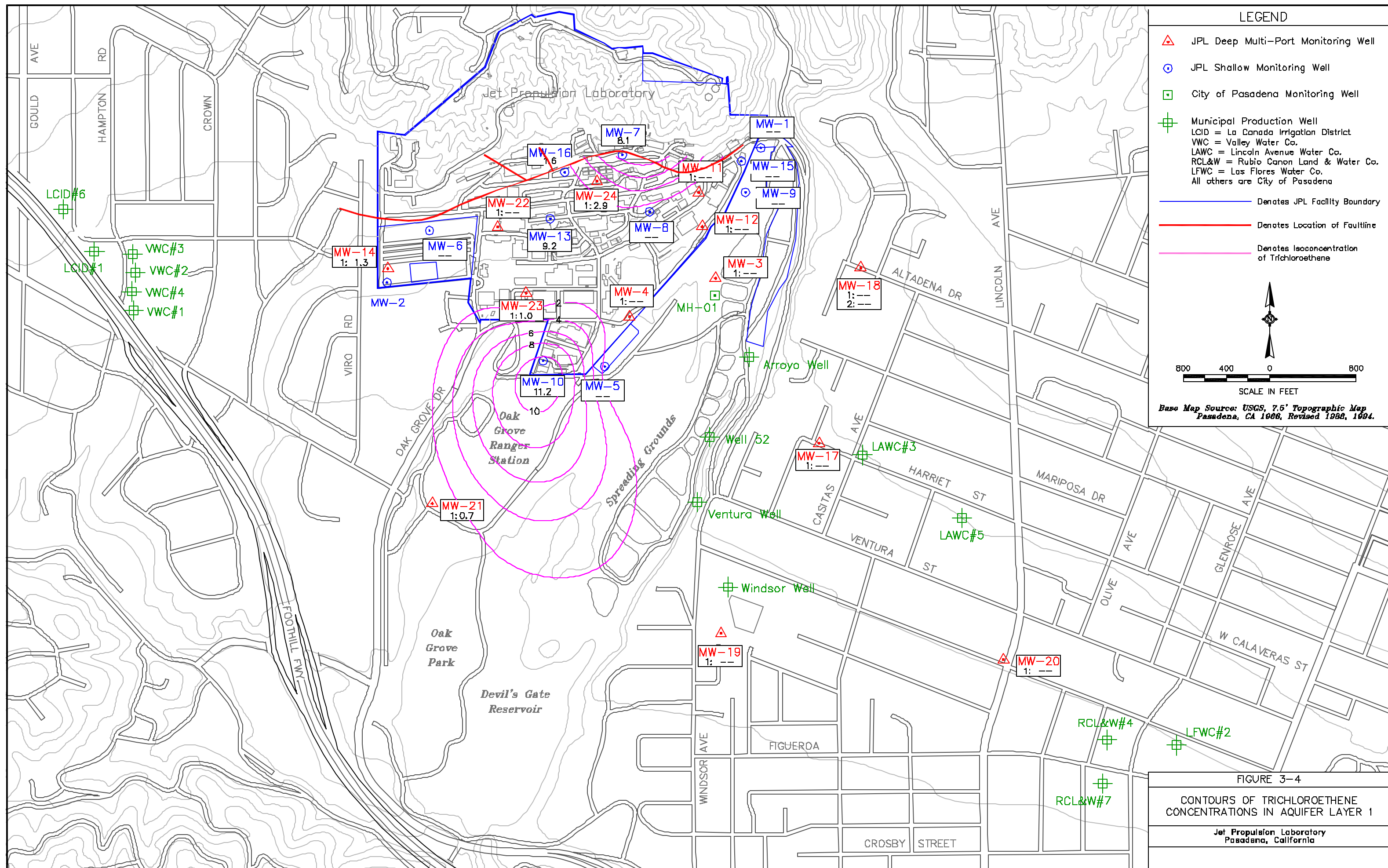
Scale: 800 400 0 800
SCALE IN FEET

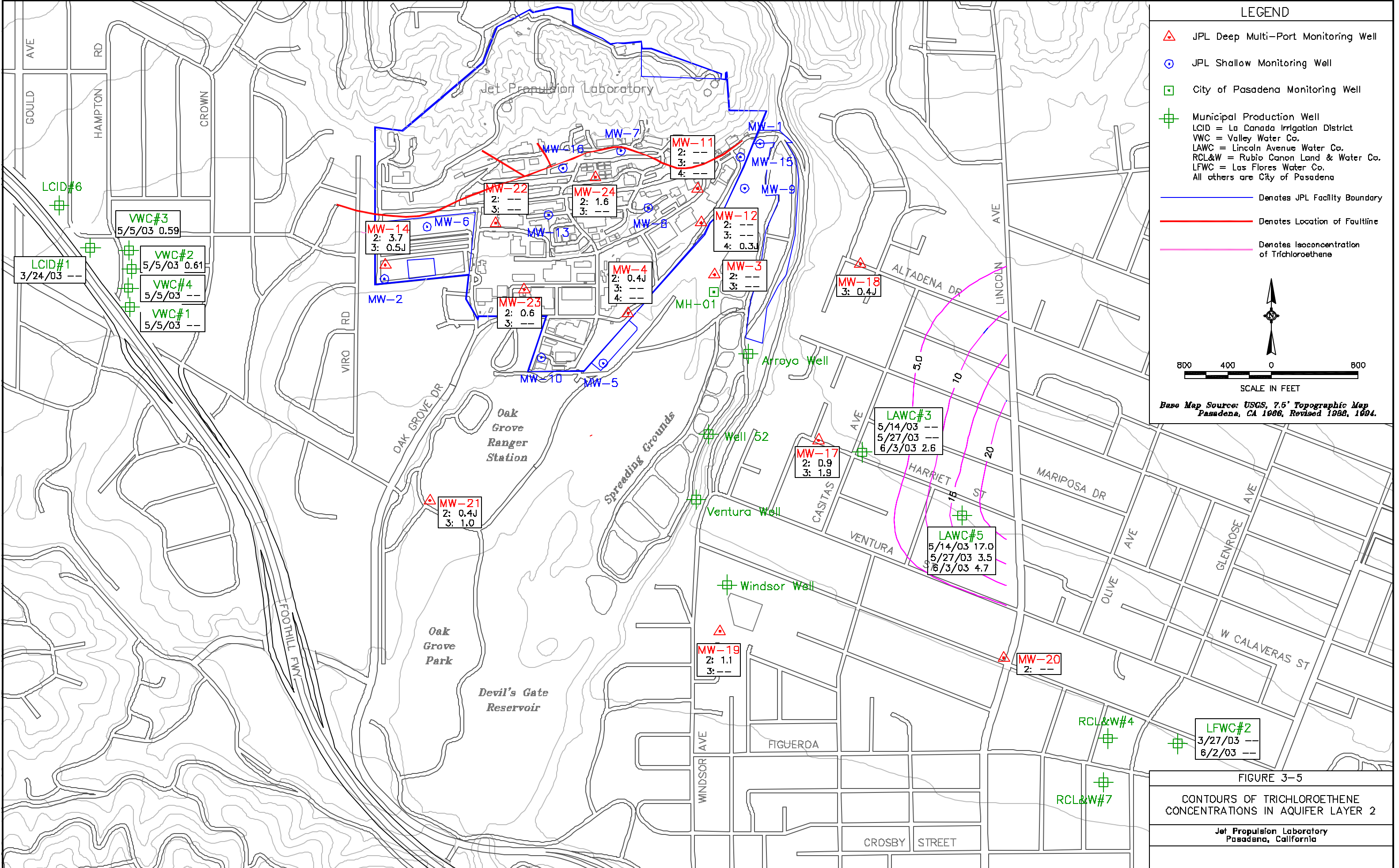
Base Map Source: USGS, 7.5' Topographic Map
Pasadena, CA 1966, Revised 1966, 1984.

FIGURE 3-3

CONTOURS OF CARBON TETRACHLORIDE
CONCENTRATIONS IN AQUIFER LAYER 3

Jet Propulsion Laboratory
Pasadena, California





LEGEND

- JPL Deep Multi-Port Monitoring Well
- JPL Shallow Monitoring Well
- City of Pasadena Monitoring Well
- Municipal Production Well

LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena

- Denotes JPL Facility Boundary
- Denotes Location of Faultline
- Denotes Isoconcentration of Trichloroethene

800 400 0 800

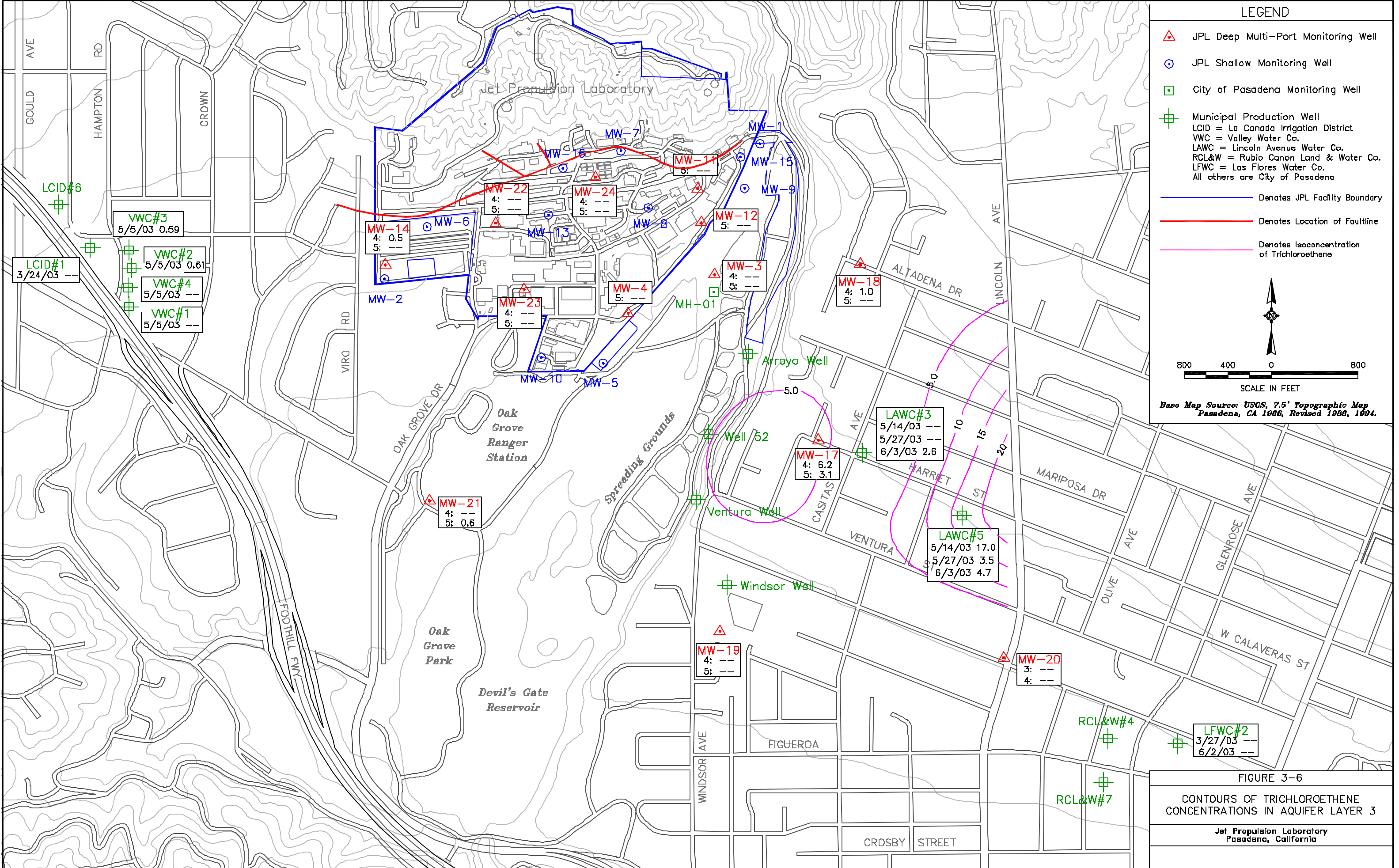
SCALE IN FEET

Base Map Source: USGS, 7.5' Topographic Map
Pasadena, CA 1988, Revised 1988, 1994.

FIGURE 3-5

CONTOURS OF TRICHLOROETHENE
CONCENTRATIONS IN AQUIFER LAYER 2

Jet Propulsion Laboratory
Pasadena, California



LEGEND

- JPL Deep Multi-Port Monitoring Well
- JPL Shallow Monitoring Well
- City of Pasadena Monitoring Well
- Municipal Production Well

LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena

- Denotes JPL Facility Boundary
- Denotes Location of Faultline
- Denotes Isoconcentration of Trichloroethene

SCALE IN FEET

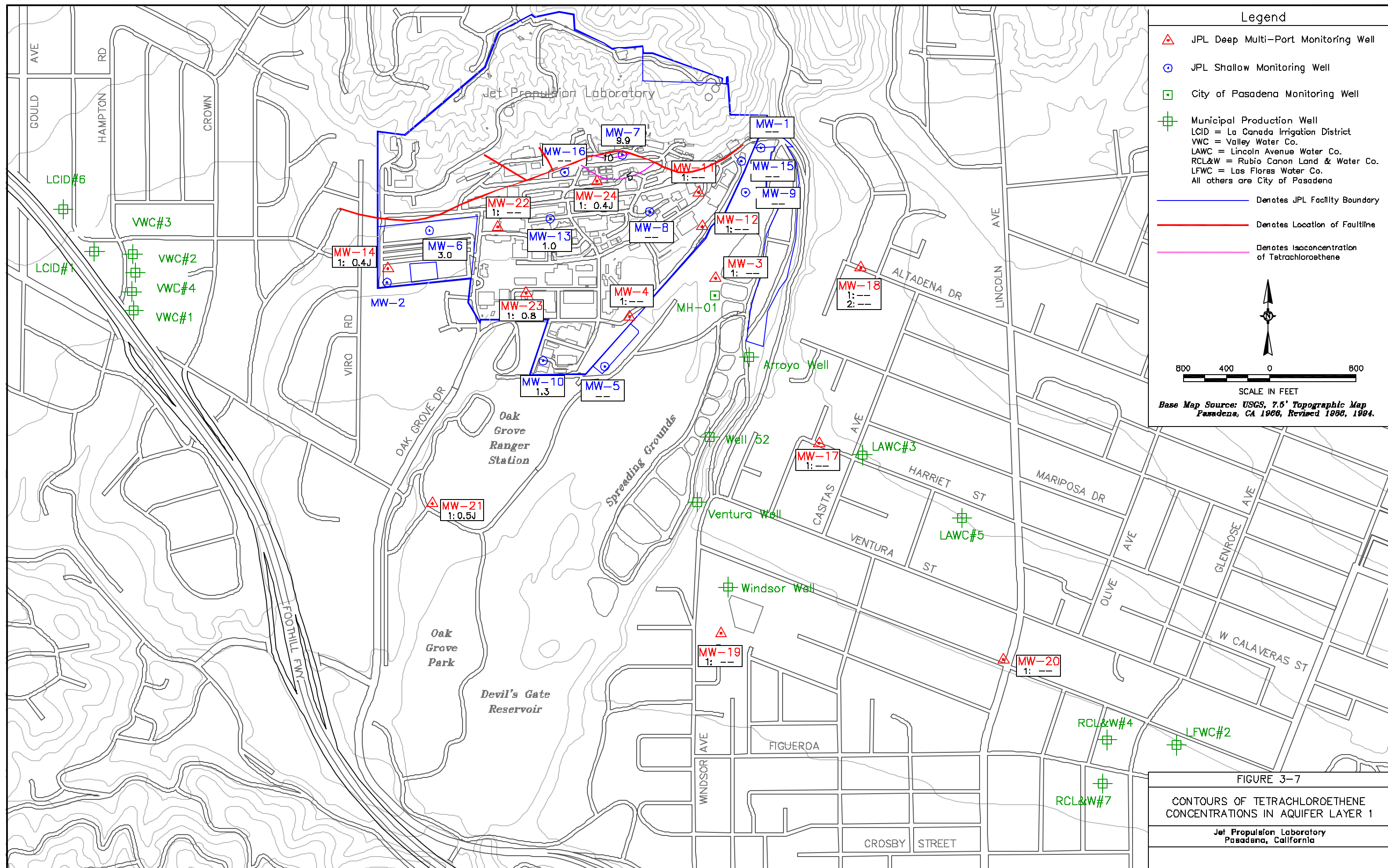
800 400 0 800

Base Map Source: USGS, 7.5' Topographic Map
Pasadena, CA 1988, Revised 1988, 1994.

FIGURE 3-6

CONTOURS OF TRICHLOROETHENE
CONCENTRATIONS IN AQUIFER LAYER 3

Jet Propulsion Laboratory
Pasadena, California



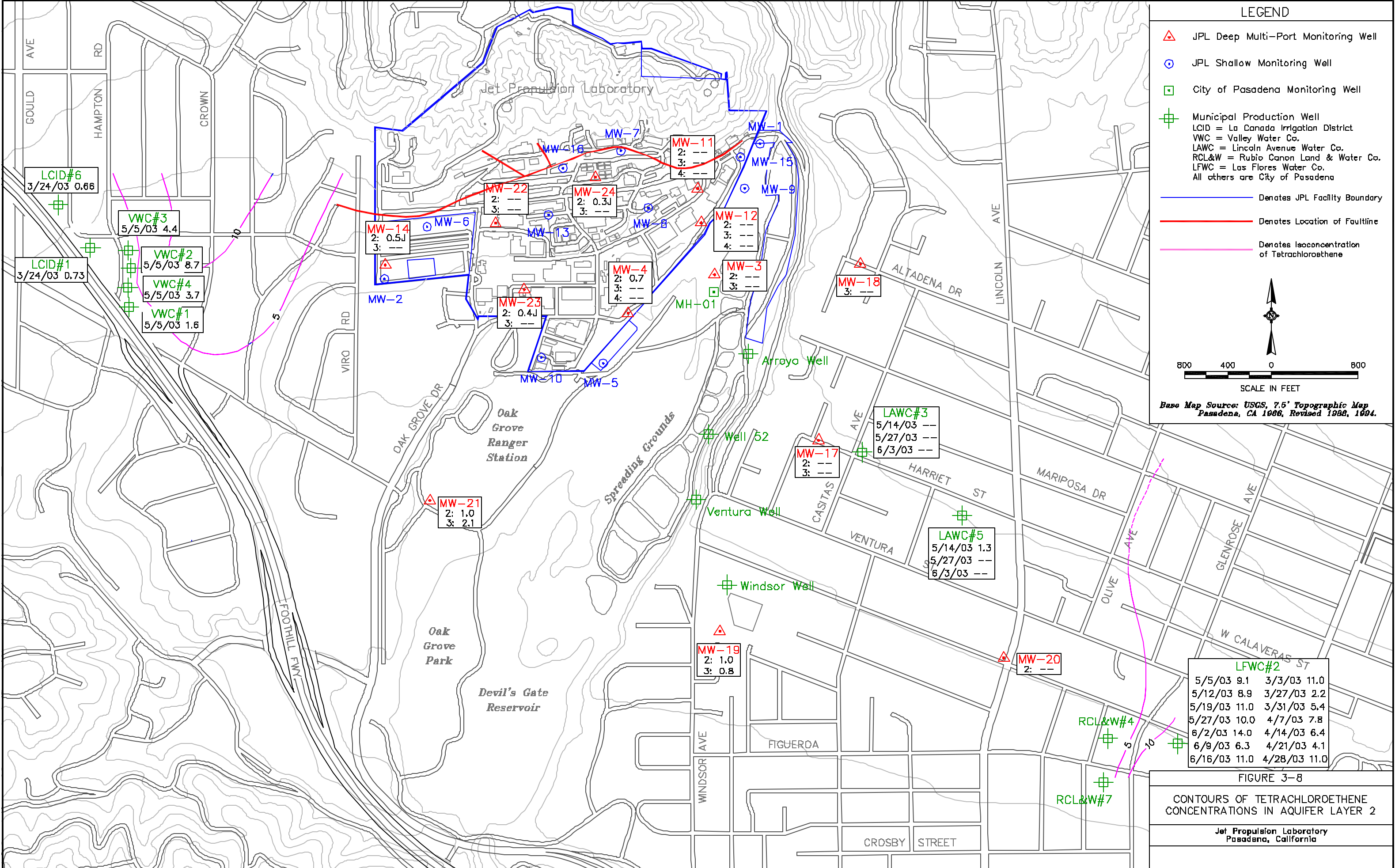


FIGURE 3-8

CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 2

Jet Propulsion Laboratory
Pasadena, California

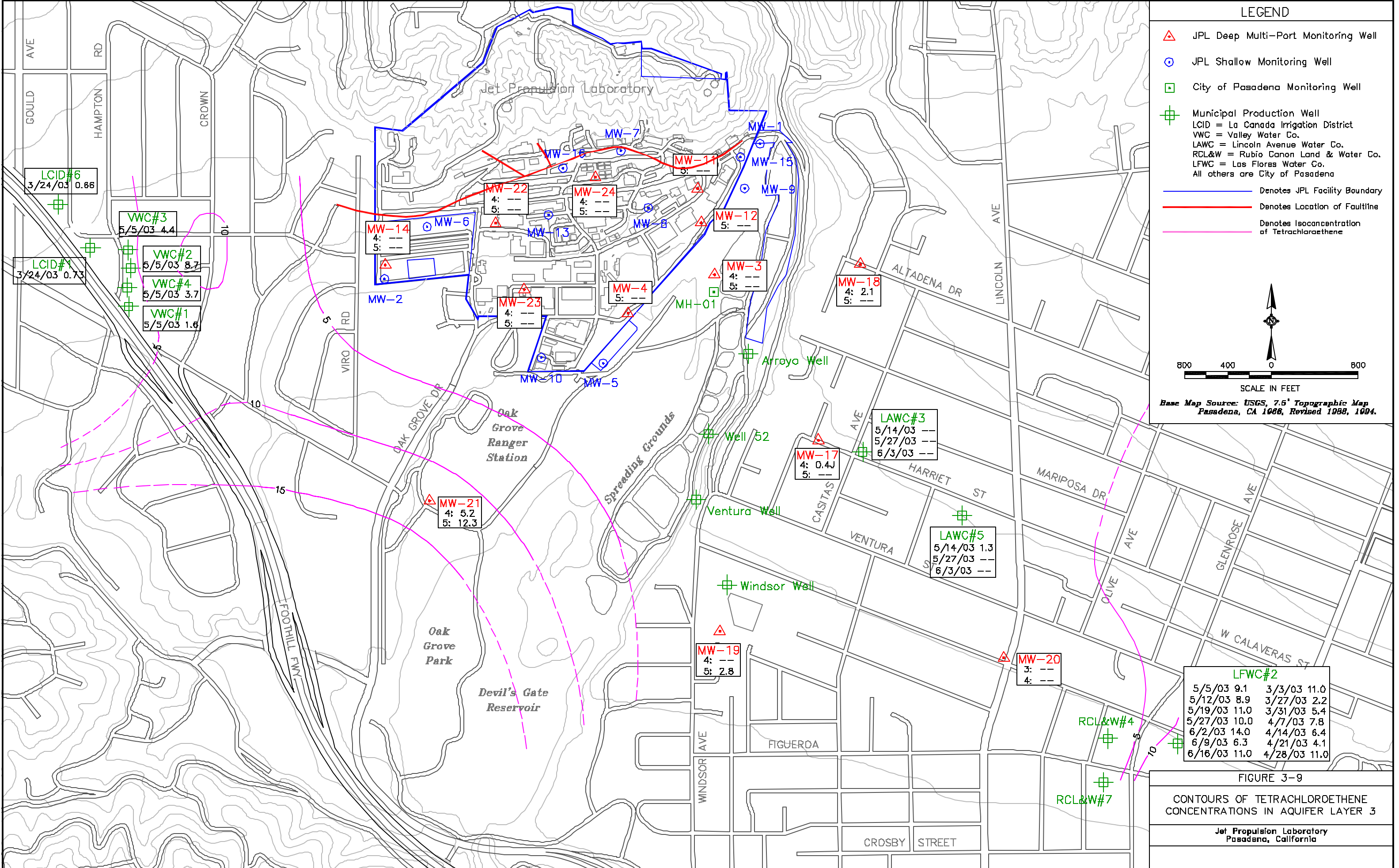
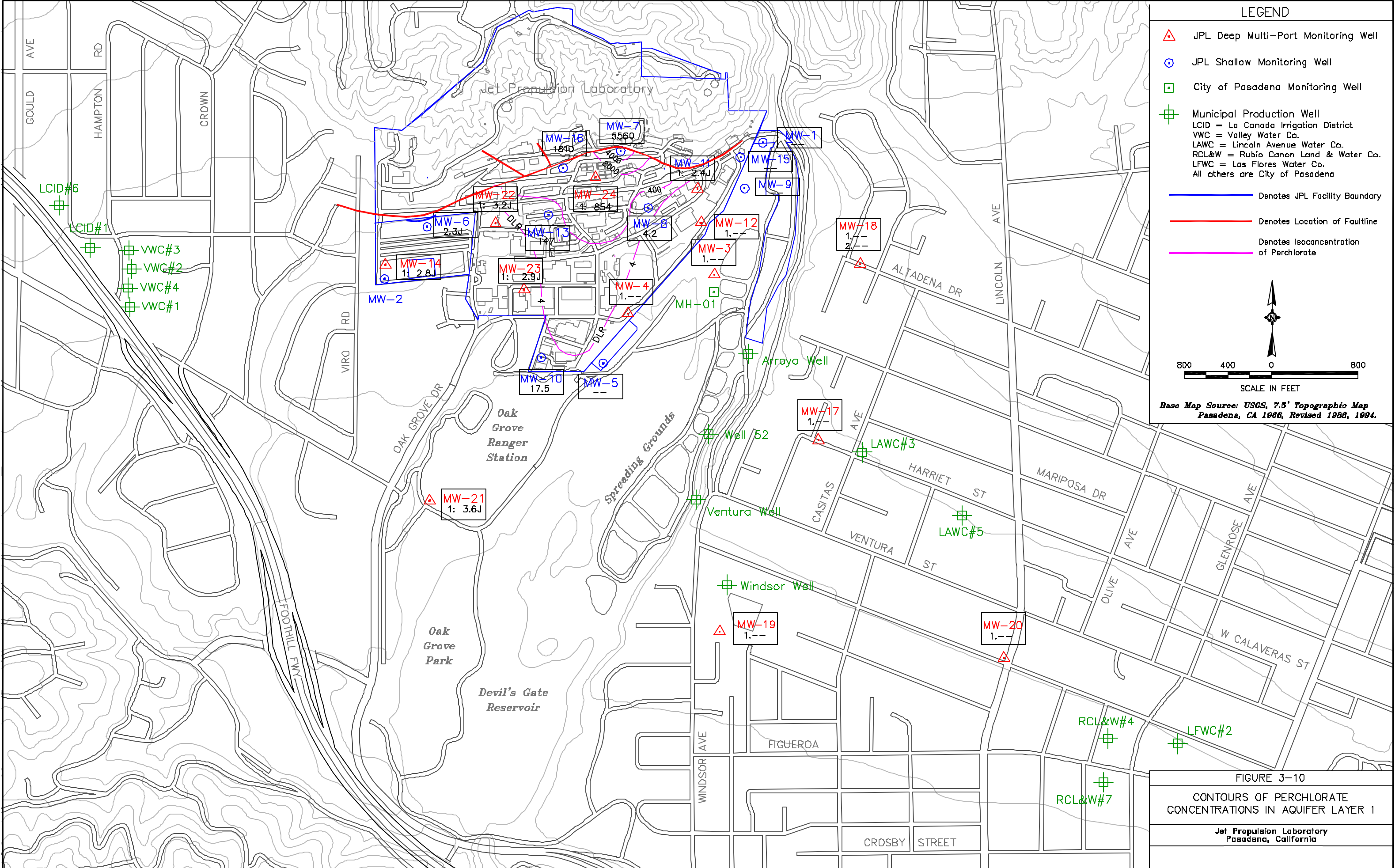


FIGURE 3-9

CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 3

Jet Propulsion Laboratory
Pasadena, California



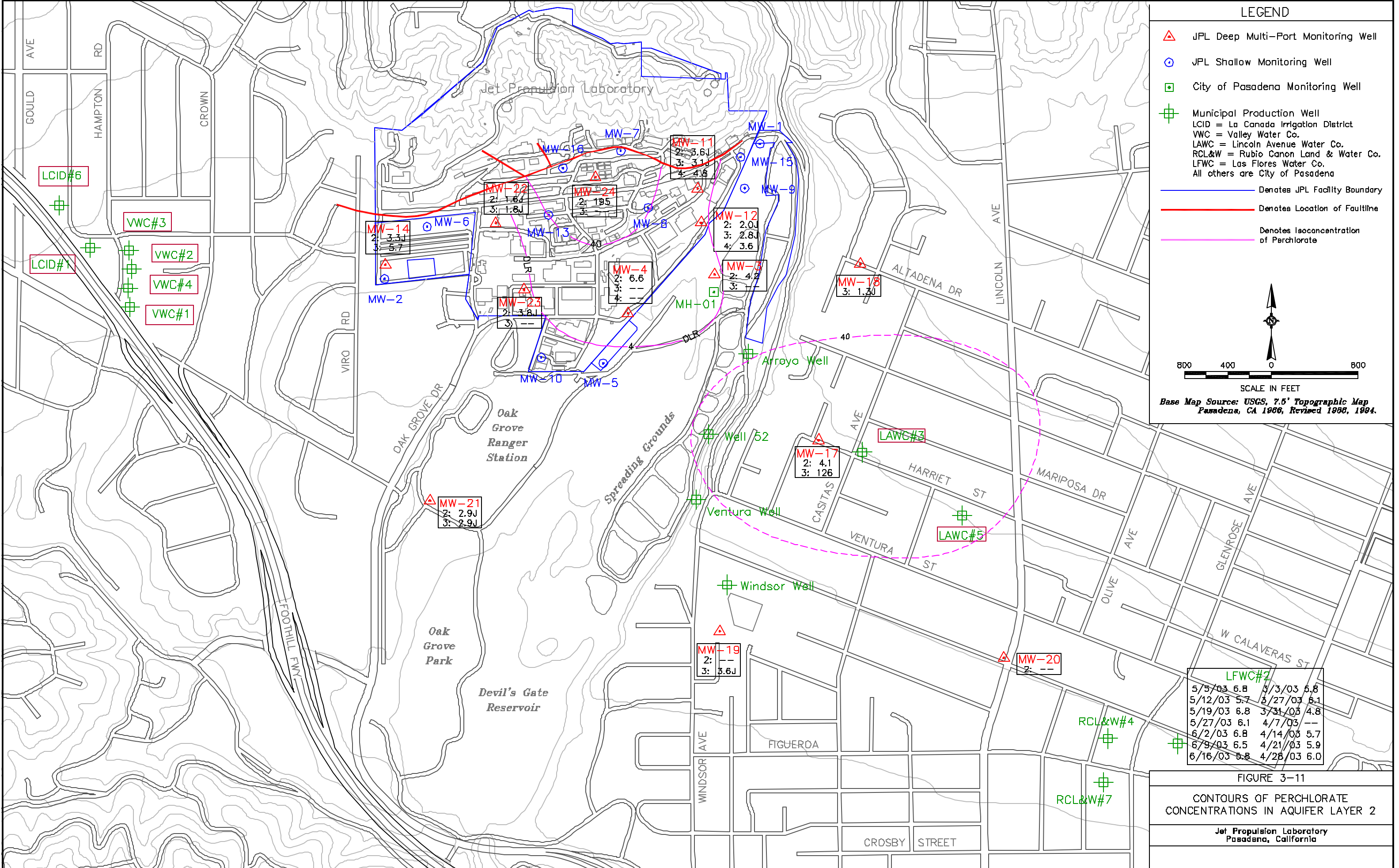
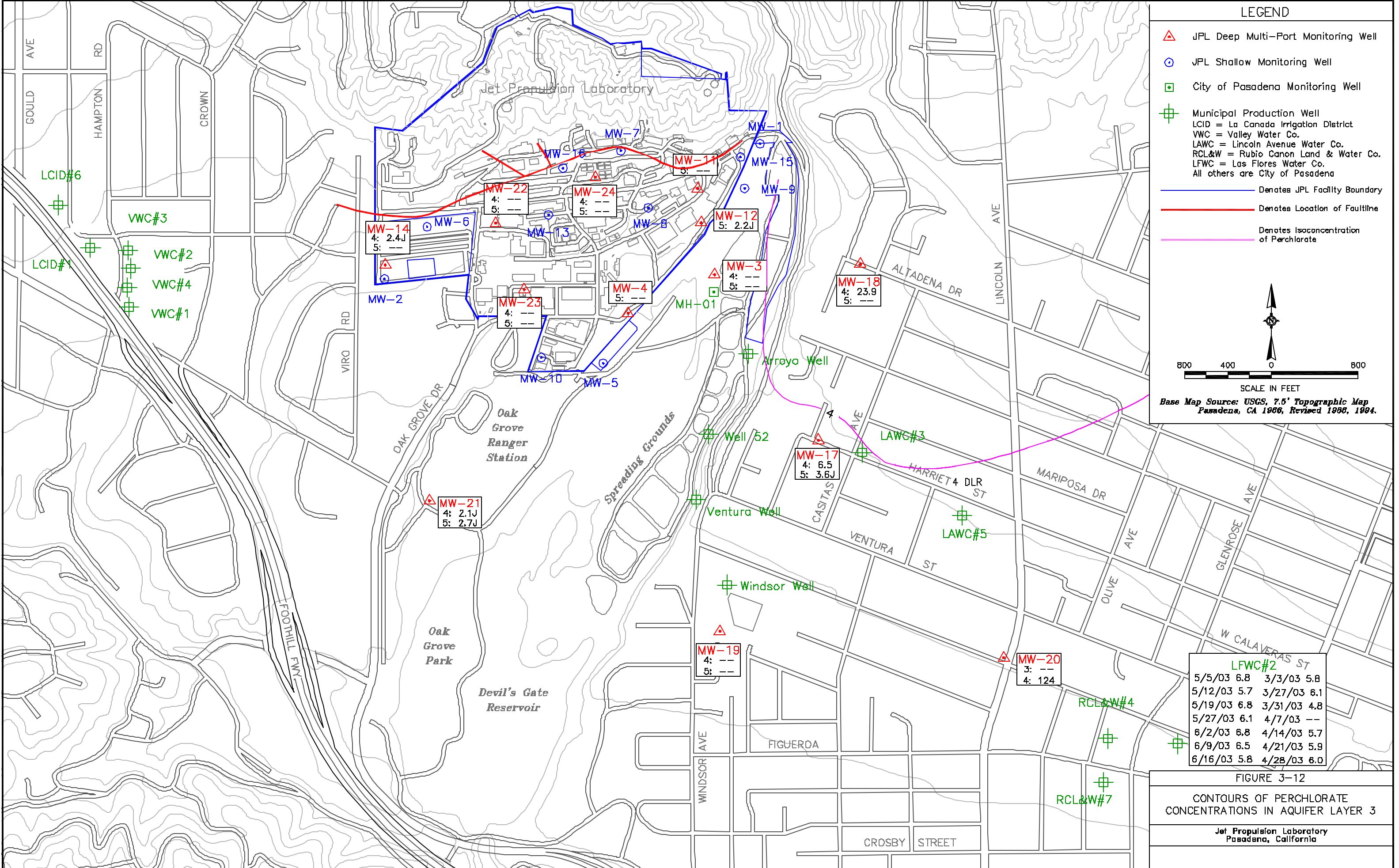


FIGURE 3-11
CONTOURS OF PERCHLORATE
CONCENTRATIONS IN AQUIFER LAYER 2
Jet Propulsion Laboratory
Pasadena, California



LEGEND

JPL Deep Multi-Port Monitoring Well

JPL Shallow Monitoring Well

City of Pasadena Monitoring Well

Municipal Production Well

LCID = La Canada Irrigation District

VWC = Valley Water Co.

LAWC = Lincoln Avenue Water Co.

RCL&W = Rubio Canon Land & Water Co.

LFWC = Las Flores Water Co.

All others are City of Pasadena

Denotes JPL Facility Boundary

Denotes Location of Faultline

Denotes Isocentration of Perchlorate

800

400

0

800

SCALE IN FEET

Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1966, 1984.

LFWC#2			
5/5/03	6.8	3/3/03	5.8
5/12/03	5.7	3/27/03	6.1
5/19/03	6.8	3/31/03	4.8
5/27/03	6.1	4/7/03	--
6/2/03	6.8	4/14/03	5.7
6/9/03	6.5	4/21/03	5.9
6/16/03	5.8	4/28/03	6.0

FIGURE 3-12

CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 3

Jet Propulsion Laboratory
Pasadena, California