Jet Propulsion Laboratory

MW-1 NS
MW-7 4.9
MW-16 --
MW-11 1: --
MW-15 NA
MW-9 NS
MW-22 1: 0.9
MW-24 1: 1.5
MW-12 1: --
MW-8 --
MW-13 0.8
MW-6 2.3
MW-14 1: 0.5J
MW-2
MW-3 1: NS
MW-4 1: --
MW-23 1: 1.5
MH-01
MW-18 1: NS 2: --
MW-10 0.9
MW-5 --
Arroyo Well
Well 52
MW-17 1: NS
LAWC#3
Ventura Well
LAWC#5
Windsor Well
MW-19 1: --
MW-20 1: --
RCL&W#4
LFWC#2
RCL&W#7
MW-21 1: 1.0

LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1

AVE
GOULD
RD
HAMPTON
CROWN
VIRO
RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
CASITAS AVE
HARRIET ST
MARIPOSA DR
AVE
GLENROSE AVE
OLIVE AVE
VENTURA ST
W CALAVERAS ST
WINDSOR AVE
FIGUEROA
CROSBY STREET

Oak Grove Ranger Station
Spreading Grounds
Oak Grove Park
Devil's Gate Reservoir

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

NA = Not Analyzed
NS = Not Sampled

- Denotes JPL Facility Boundary
- Denotes Location of Faultline
- Denotes Isoconcentration of Tetrachloroethene
- MCL — Maximum Contaminant Level (5.0 ug/L)

N

800 400 0 800
SCALE IN FEET

Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 3-7

CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 1

Jet Propulsion Laboratory
Pasadena, California

GEOFON

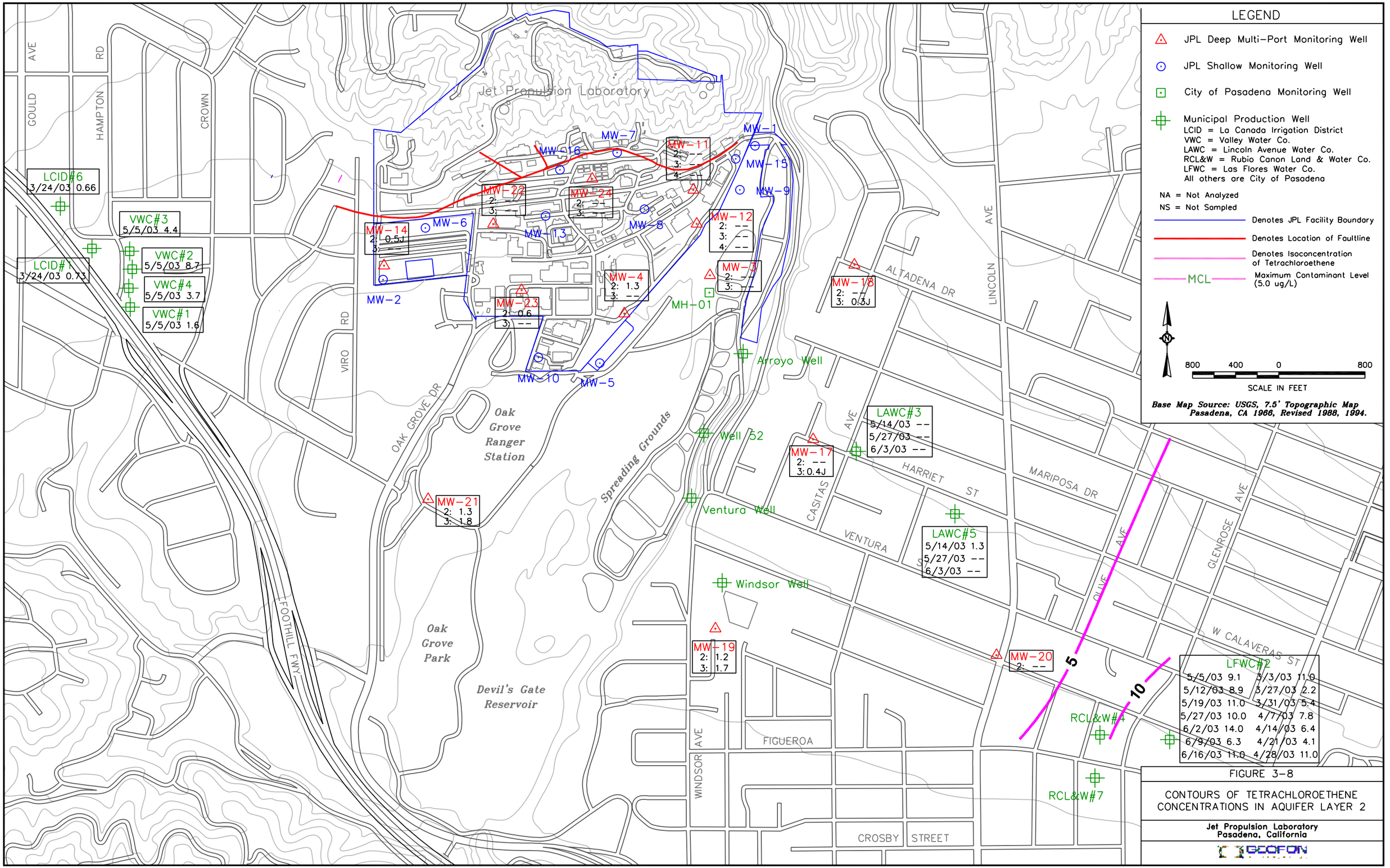
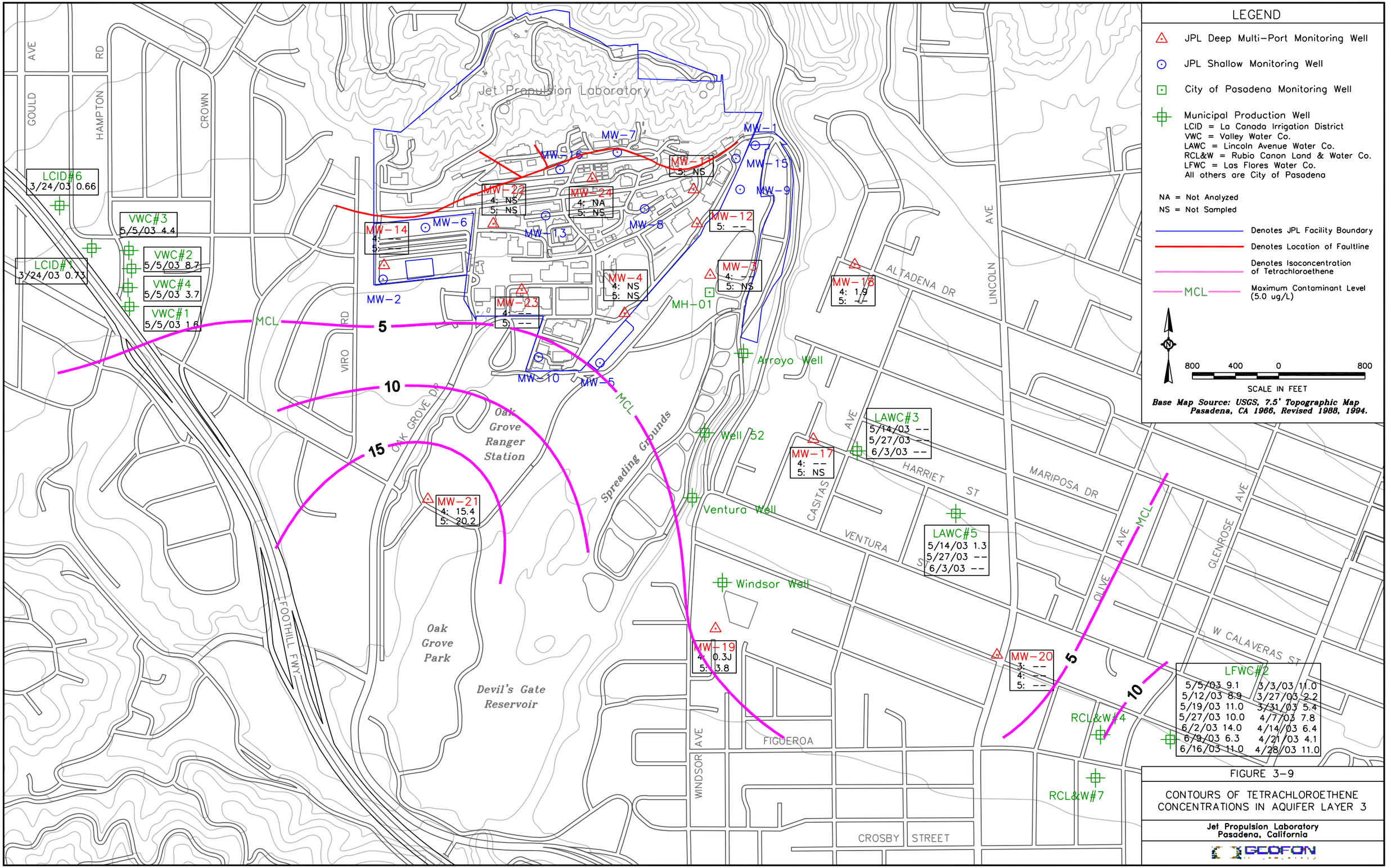


FIGURE 3-8

CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 2

Jet Propulsion Laboratory
Pasadena, California

GEOFON


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
NA = Not Analyzed
NS = Not Sampled
Denotes JPL Facility Boundary
Denotes Location of Faultline
Denotes Isoconcentration of Tetrachloroethene
MCL
Maximum Contaminant Level (5.0 ug/L)
N
800 400 0 800
SCALE IN FEET
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-1
MW-2
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
MW-21
MW-22
MW-23
MW-24
MH-01
Arroyo Well
Well 52
Ventura Well
Windsor Well
LCID#6 3/24/03 0.66
LCID#1 3/24/03 0.73
VWC#3 5/5/03 4.4
VWC#2 5/5/03 8.7
VWC#4 5/5/03 3.7
VWC#1 5/5/03 1.6
LAWC#3 5/14/03 -- 5/27/03 -- 6/3/03 --
LAWC#5 5/14/03 1.3 5/27/03 -- 6/3/03 --
LFWC#2
5/5/03 9.1 5/12/03 8.9 5/19/03 11.0 5/27/03 10.0 6/2/03 14.0 6/9/03 6.3 6/16/03 11.0
3/3/03 11.0 3/27/03 2.2 3/31/03 5.4 4/7/03 7.8 4/14/03 6.4 4/21/03 4.1 4/28/03 11.0
RCL&W#4
RCL&W#7
MCL
5
10
15
Oak Grove Ranger Station
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
FOOTHILL FWY
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
ALTADENA DR
LINCOLN AVE
CASITAS AVE
HARRIET ST
MARIPOSA DR
OLIVE AVE
GLENROSE AVE
VENTURA ST
W CALAVERAS ST
FIGUEROA
WINDSOR AVE
CROSBY STREET
FIGURE 3-9
CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 3
Jet Propulsion Laboratory
Pasadena, California
GEOFON

Jet Propulsion Laboratory

MW-7 1920
MW-16 1520
MW-11 1.--
MW-1 NS
MW-15 NA
MW-9 NS
MW-22 1: 2.7J
MW-24 1: 2450
MW-6 2.9J
MW-13 159
MW-8 9.7
MW-12 1.--
MW-3 NS
MW-18 1: NS 2.--
MW-14 1: 3.8J
MW-23 1: 2.4J
MW-4 1.--
MW-2
MH-01
MW-10 43.6
MW-5 --
MW-17 NS
MW-21 1: 5.2
MW-19 1.--
MW-20 1: 1.5J

1500
1000
500
4
AL

LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
Arroyo Well
Well 52
LAWC#3
Ventura Well
LAWC#5
Windsor Well
RCL&W#4
LFWC#2
RCL&W#7

GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
HARRIET ST
MARIPOSA DR
CASITAS AVE
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
FIGUEROA
WINDSOR AVE
CROSBY STREET

Oak Grove Ranger Station
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds

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

NA = Not Analyzed
NS = Not Sampled

- Denotes JPL Facility Boundary
- Denotes Location of Faultline
- Denotes Isoconcentration of Perchlorate
- AL — Action Level (4 ug/L)

N

800 400 0 800
SCALE IN FEET

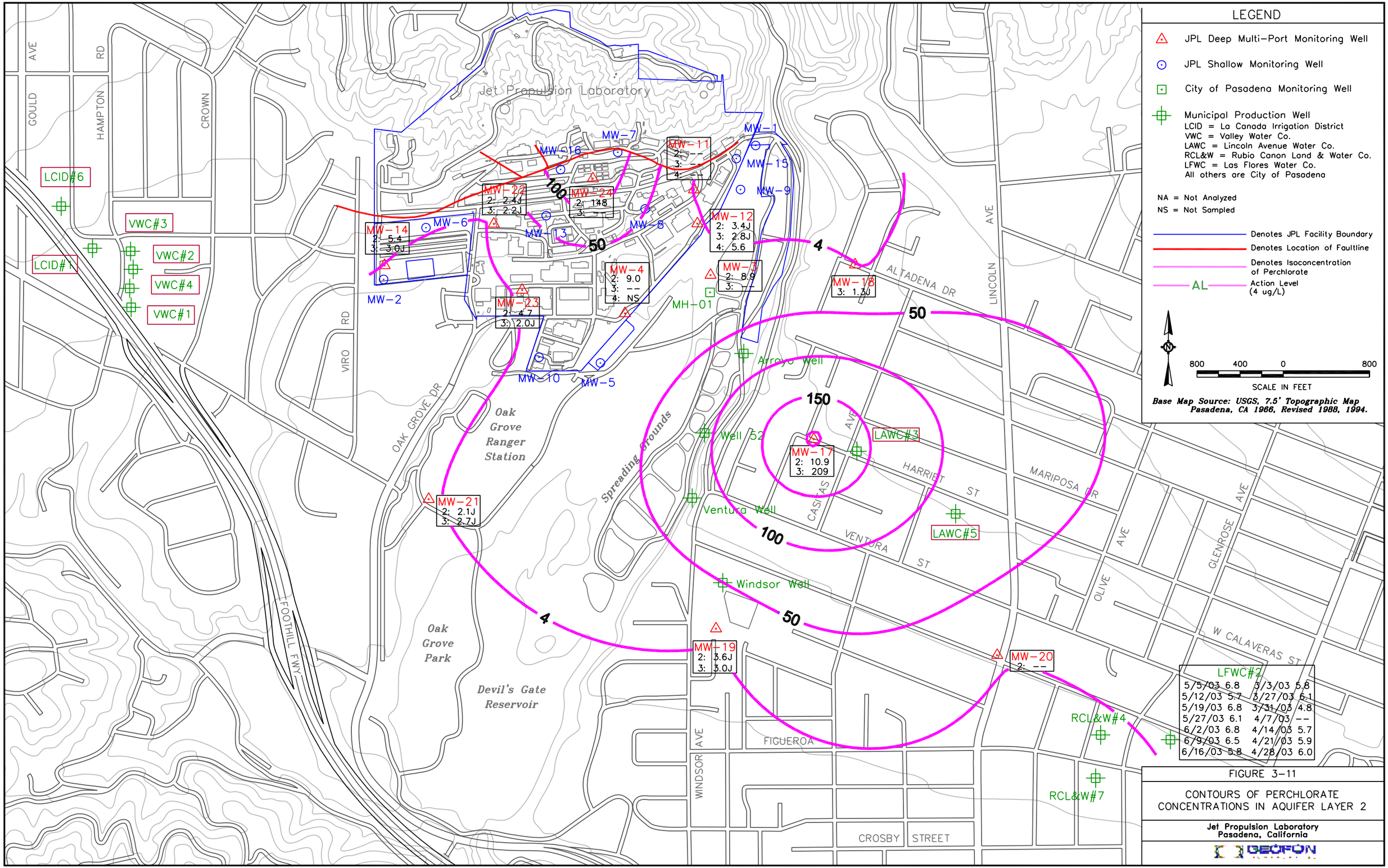
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 3-10

CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 1

Jet Propulsion Laboratory
Pasadena, California

GEOFON



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 3-11

CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 2

Jet Propulsion Laboratory
Pasadena, California

GEOFON

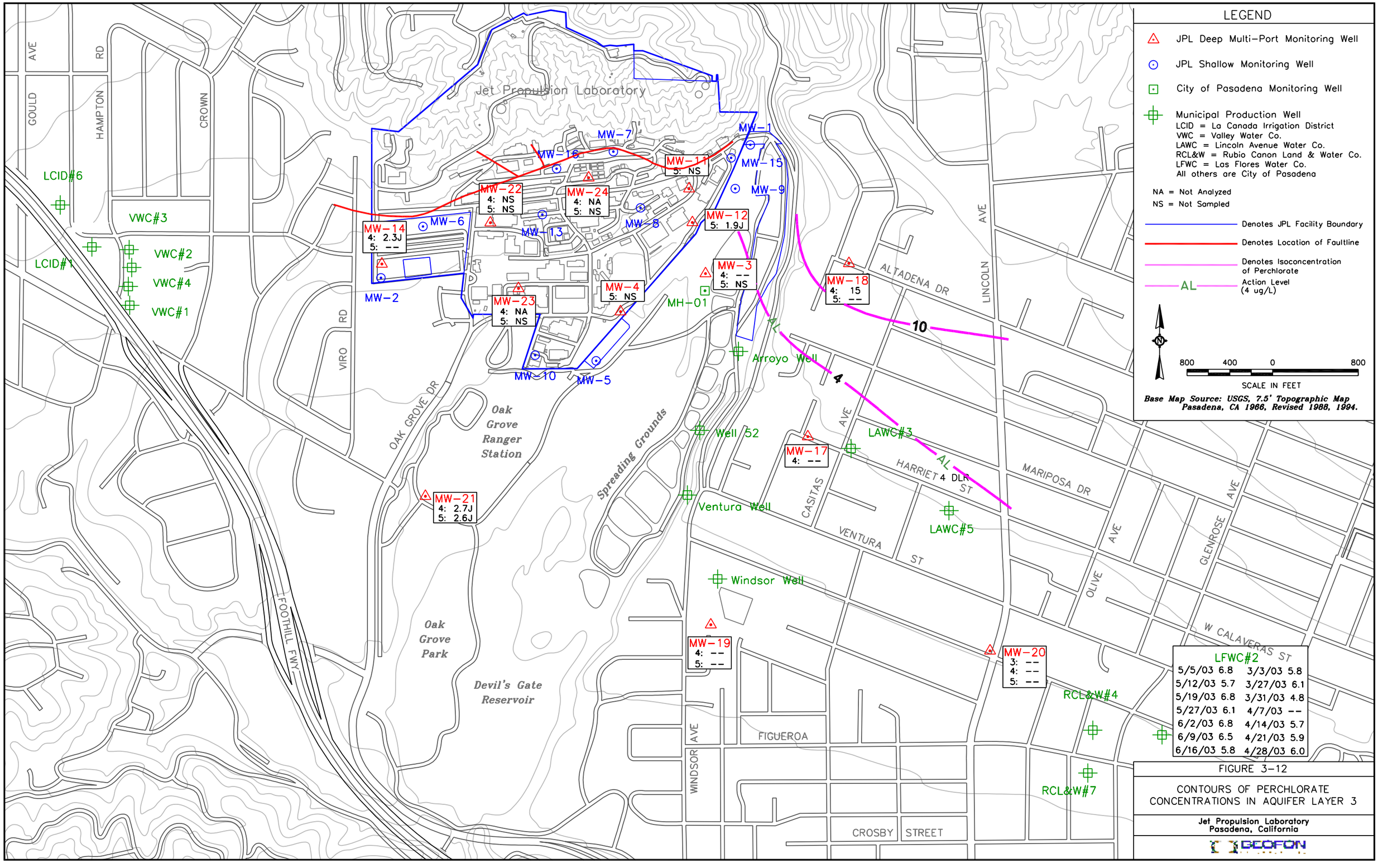


FIGURE 3-12

CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 3

Jet Propulsion Laboratory
Pasadena, California

GEOFON