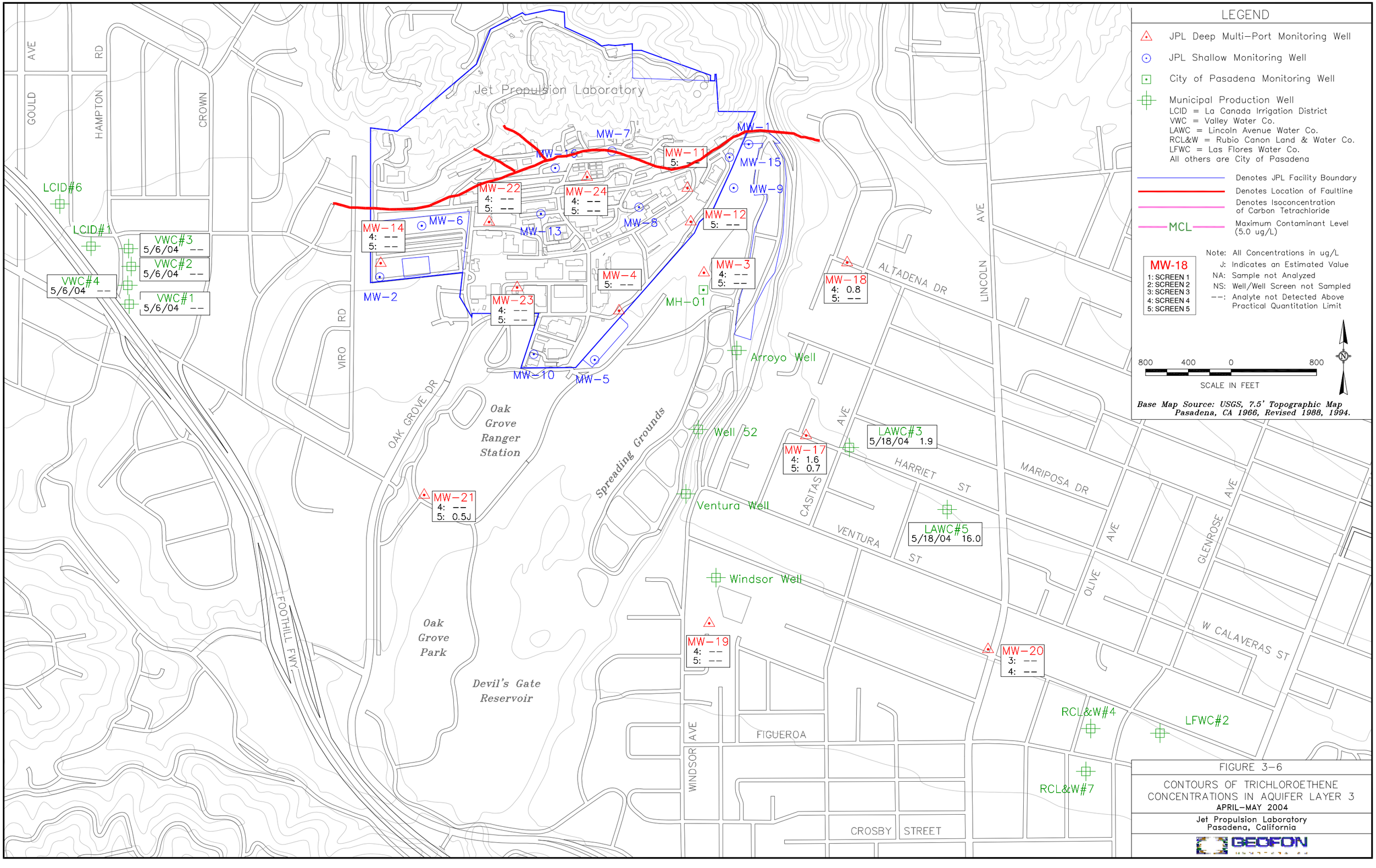


FIGURE 3-6

CONTOURS OF TRICHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 3

APRIL-MAY 2004

Jet Propulsion Laboratory
Pasadena, California

GEOFON

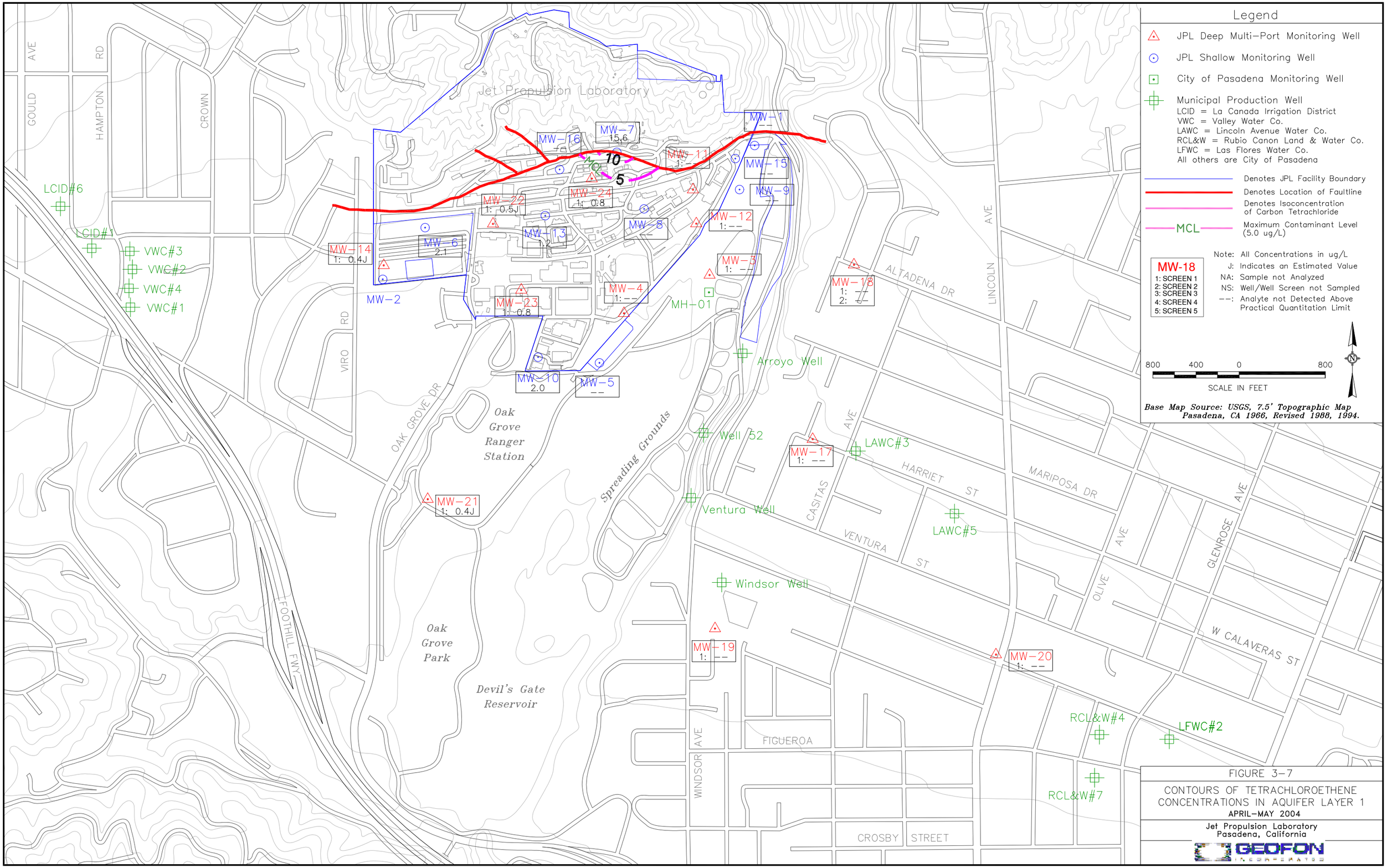


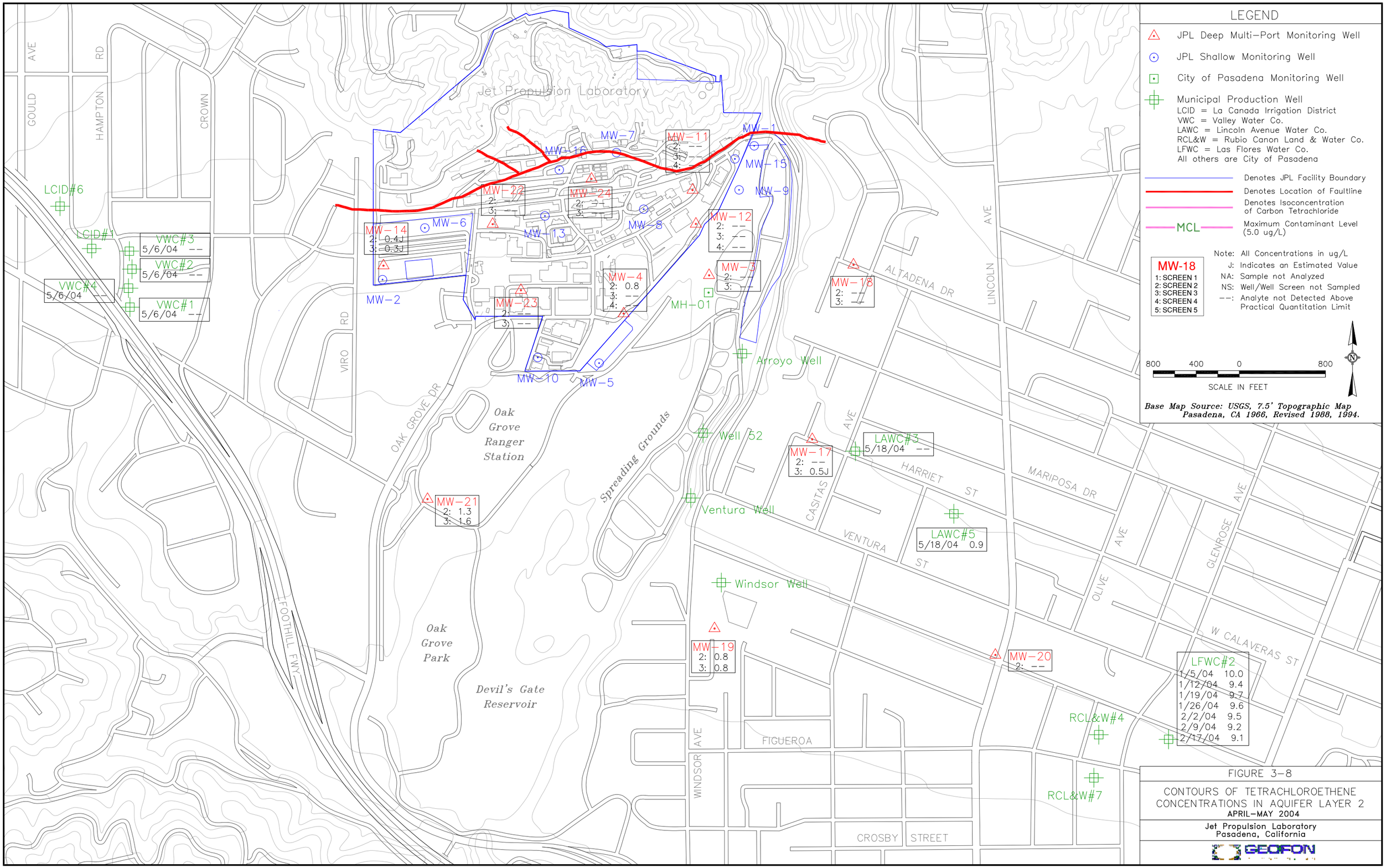
FIGURE 3-7

CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 1

APRIL-MAY 2004

Jet Propulsion Laboratory
Pasadena, California

GEOFON INCORPORATED


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
MCL
Maximum Contaminant Level (5.0 ug/L)
MW-18
1: SCREEN 1
2: SCREEN 2
3: SCREEN 3
4: SCREEN 4
5: SCREEN 5
Note: All Concentrations in ug/L
J: Indicates an Estimated Value
NA: Sample not Analyzed
NS: Well/Well Screen not Sampled
--: Analyte not Detected Above Practical Quantitation Limit
800 400 0 800
SCALE IN FEET
N
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-1
MW-2
MW-3 2: -- 3: --
MW-4 2: 0.8 3: -- 4: --
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11 2: -- 3: -- 4: --
MW-12 2: -- 3: -- 4: --
MW-13
MW-14 2: 0.4J 3: 0.3J
MW-15
MW-16
MW-17 2: -- 3: 0.5J
MW-18 2: -- 3: --
MW-19 2: 0.8 3: 0.8
MW-20 2: --
MW-21 2: 1.3 3: 1.6
MW-22 2: -- 3: --
MW-23 2: -- 3: --
MW-24 2: -- 3: --
MH-01
LCID#6
LCID#1
VWC#3 5/6/04 --
VWC#2 5/6/04 --
VWC#4 5/6/04 --
VWC#1 5/6/04 --
Arroyo Well
Well 52
Ventura Well
Windsor Well
LAWC#3 5/18/04 --
LAWC#5 5/18/04 0.9
LFWC#2
1/5/04 10.0
1/12/04 9.4
1/19/04 9.7
1/26/04 9.6
2/2/04 9.5
2/9/04 9.2
2/17/04 9.1
RCL&W#4
RCL&W#7
Oak Grove Ranger Station
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
CASITAS AVE
HARRIET ST
MARIPOSA DR
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
FIGUEROA
WINDSOR AVE
CROSBY STREET
FIGURE 3-8
CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 2
APRIL-MAY 2004
Jet Propulsion Laboratory
Pasadena, California
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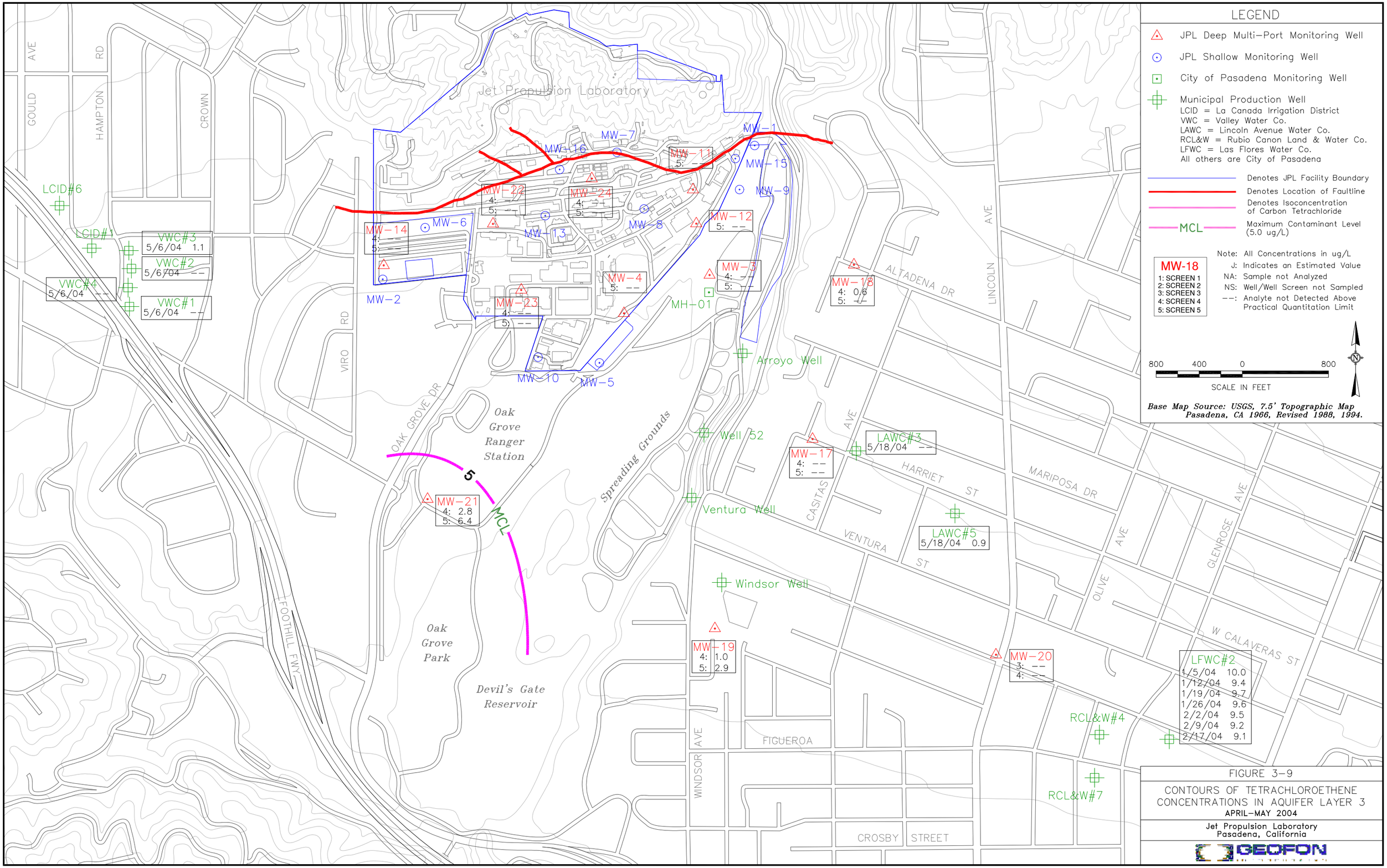
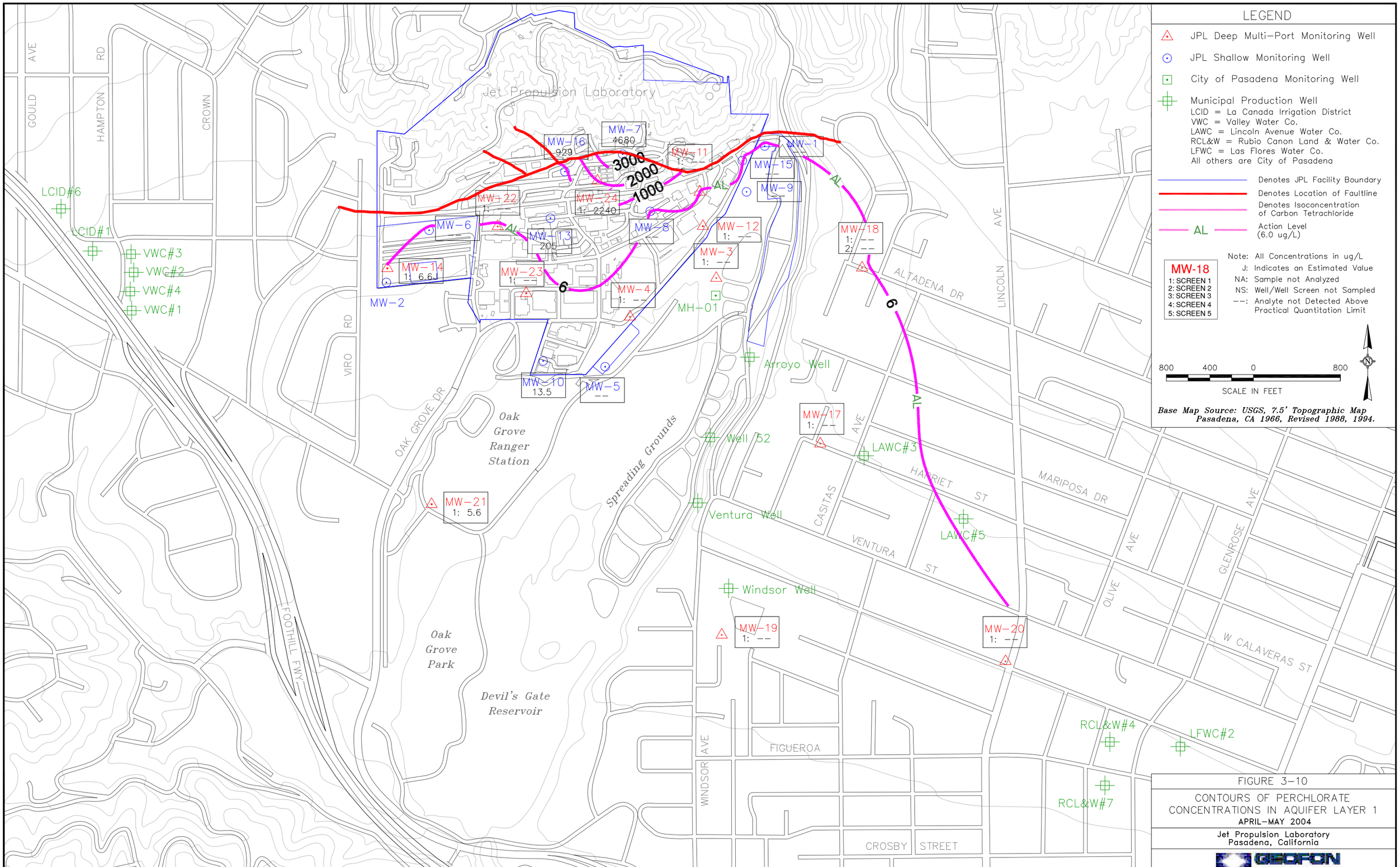

LEGEND
JPL Deep Multi-Port Monitoring Well
JPL Shallow Monitoring Well
City of Pasadena Monitoring Well
Municipal Production Well
LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena
Denotes JPL Facility Boundary
Denotes Location of Faultline
Denotes Isoconcentration of Carbon Tetrachloride
MCL
Maximum Contaminant Level (5.0 ug/L)
MW-18
1: SCREEN 1
2: SCREEN 2
3: SCREEN 3
4: SCREEN 4
5: SCREEN 5
Note: All Concentrations in ug/L
J: Indicates an Estimated Value
NA: Sample not Analyzed
NS: Well/Well Screen not Sampled
--: Analyte not Detected Above Practical Quantitation Limit
800 400 0 800
SCALE IN FEET
N
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-1
MW-2
MW-3 4: -- 5: --
MW-4 5: --
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11 5: --
MW-12 5: --
MW-13
MW-14 4: -- 5: --
MW-15
MW-16
MW-17 4: -- 5: --
MW-18 4: 0.6 5: --
MW-19 4: 1.0 5: 2.9
MW-20 3: -- 4: --
MW-21 4: 2.8 5: 6.4
MW-22 4: -- 5: --
MW-23 4: -- 5: --
MW-24 4: -- 5: --
MH-01
LCID#6
LCID#1
VWC#3 5/6/04 1.1
VWC#2 5/6/04 --
VWC#4 5/6/04 --
VWC#1 5/6/04 --
Arroyo Well
Well 52
Ventura Well
Windsor Well
LAWC#3 5/18/04 --
LAWC#5 5/18/04 0.9
LFWC#2
1/5/04 10.0
1/12/04 9.4
1/19/04 9.7
1/26/04 9.6
2/2/04 9.5
2/9/04 9.2
2/17/04 9.1
RCL&W#4
RCL&W#7
5
MCL
Oak Grove Ranger Station
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
CASITAS AVE
HARRIET ST
MARIPOSA DR
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
FIGUEROA
WINDSOR AVE
CROSBY STREET
FIGURE 3-9
CONTOURS OF TETRACHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 3
APRIL-MAY 2004
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.
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LFWC = Las Flores Water Co.
All others are City of Pasadena
Denotes JPL Facility Boundary
Denotes Location of Faultline
Denotes Isoconcentration of Carbon Tetrachloride
AL
Action Level (6.0 ug/L)
MW-18
1: SCREEN 1
2: SCREEN 2
3: SCREEN 3
4: SCREEN 4
5: SCREEN 5
Note: All Concentrations in ug/L
J: Indicates an Estimated Value
NA: Sample not Analyzed
NS: Well/Well Screen not Sampled
--: Analyte not Detected Above Practical Quantitation Limit
800 400 0 800
SCALE IN FEET
N
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-7 4680
MW-16 929
MW-11 1: --
MW-1
MW-15 --
MW-9 --
MW-22 1: --
MW-24 1: 2240
MW-6 --
MW-13 205
MW-8 --
MW-12 1: --
MW-3 1: --
MW-18 1: -- 2: --
MW-14 1: 6.6J
MW-23 1: --
MW-4 1: --
MW-2
MH-01
Arroyo Well
MW-10 13.5
MW-5 --
MW-17 1: --
Well 52
LAWC#3
LAWC#5
Ventura Well
MW-21 1: 5.6
Windsor Well
MW-19 1: --
MW-20 1: --
RCL&W#4
LFWC#2
RCL&W#7
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
3000
2000
1000
6
AL
Oak Grove Ranger Station
Spreading Grounds
Oak Grove Park
Devil's Gate Reservoir
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
CASITAS AVE
HARRIET ST
MARIPOSA DR
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
WINDSOR AVE
FIGUEROA
CROSBY STREET
FIGURE 3-10
CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 1
APRIL-MAY 2004
Jet Propulsion Laboratory
Pasadena, California
GEOFON

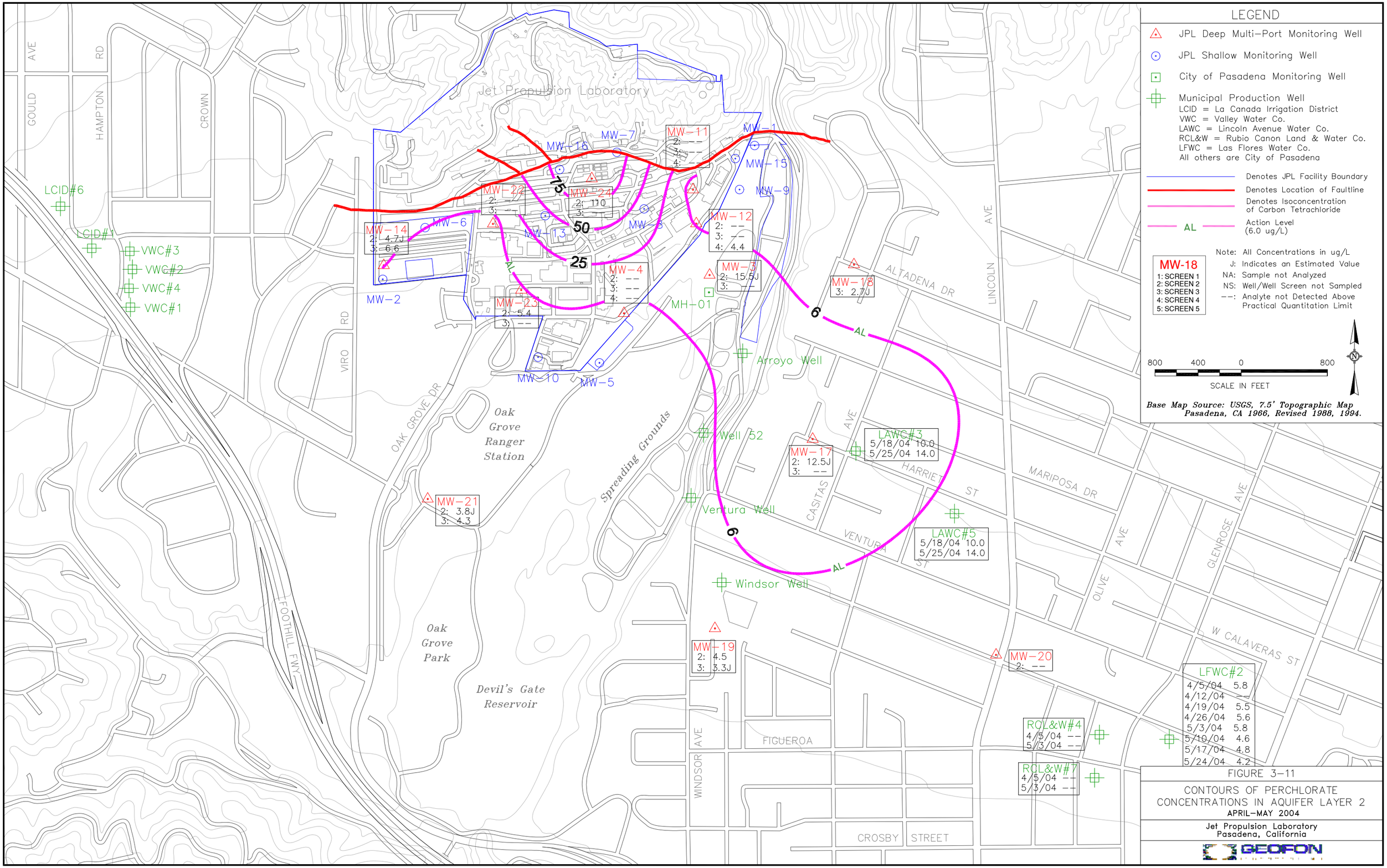

FIGURE 3-11

CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 2

APRIL-MAY 2004

Jet Propulsion Laboratory
Pasadena, California

GEOFON

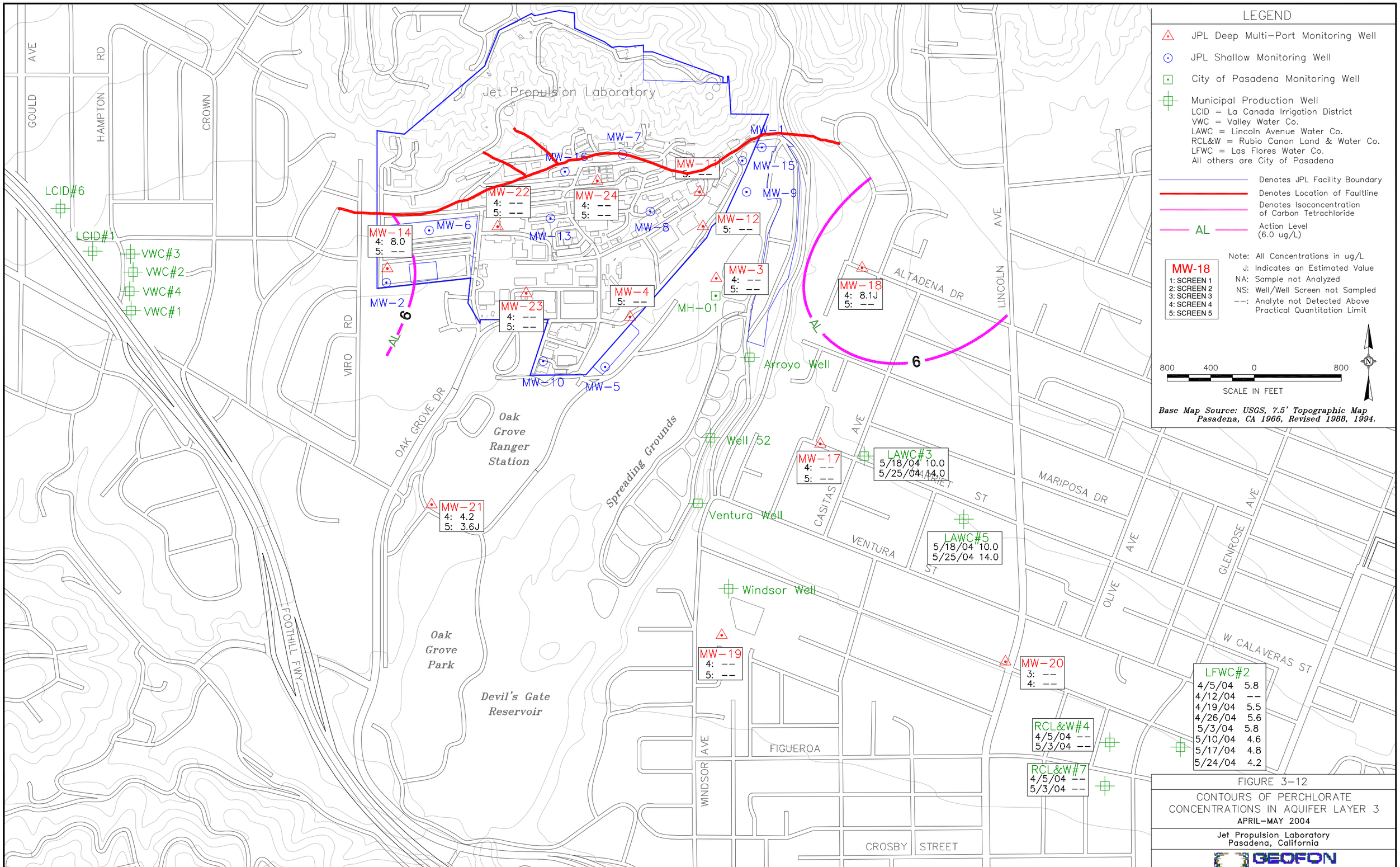

FIGURE 3-12

CONTOURS OF PERCHLORATE CONCENTRATIONS IN AQUIFER LAYER 3

APRIL-MAY 2004

Jet Propulsion Laboratory
Pasadena, California

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