Jet Propulsion Laboratory

MW-1 N/A
MW-2
MW-3 4: -- 5: --
MW-4 5: --
MW-5 N/A
MW-6 N/A
MW-7 N/A
MW-8 N/A
MW-9 N/A
MW-10 N/A
MW-11 5: --
MW-12 5: --
MW-13 N/A
MW-14 4: -- 5: --
MW-15 N/A
MW-16 N/A
MW-17 4: 16.0 5: 15.0
MW-18 4: 11.0 5: --
MW-19 4: -- 5: --
MW-20 3: -- 4: --
MW-21 4: -- 5: 5.2
MW-22 4: -- 5: --
MW-23 4: -- 5: --
MW-24 4: -- 5: --
MH-01

La Canada Irrigation District Wells
Well #1: -- *6/97
Well #6: Not in Service

Valley Water Company Wells
Well #3: 3.2 *9/97
Well #2: 3.6 *9/97
Well #4: -- *9/97
Well #1: -- *9/97

City of Pasadena Arroyo Well
130.0 *8/97

City of Pasadena Well 52
15.0 *9/97

City of Pasadena Ventura Well
4.0 *9/97

City of Pasadena Windsor Well
-- *9/97

Lincoln Ave. Water Co. Well #3
14.0 *1/98

Lincoln Ave. Water Co. Well #5
7.0 *9/97

Rubio Cañon Land and Water Co. Wells
Well #4: 5.0 *9/97
Well #7: 4.0 *9/97

Las Flores Water Co. Well #2
7.0 *9/97

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

GOULD AVE
HAMPTON RD
CROWN AVE
VIRO RD
OAK GROVE DR
PASADENA DR
LINCOLN AVE
CASITAS AVE
MARIPOSA DR
WINDSOR AVE
FIGUEROA ST
CROSBY STREET

Explanation

- JPL Shallow Monitoring Wells
- JPL Deep Multi-Port Monitoring Wells
- Municipal Production Wells
- City of Pasadena Monitoring Well
- 4: Screen Number for Wells in this Aquifer Layer
- -- Not Detected (< 4.0 µg/L)
- N/A Not Applicable
- *6/97 Date Represents Nearest Sampling Event with Respect to JPL Sampling Round.
- JPL Thrust Fault
- JPL Property Line
- Concentrations Between Detection Limit (4.0 µg/L) and IAL (18.0 µg/L)
- Concentrations 18.0 to 100.0 µg/L
- Concentrations 100.0 to 500.0 µg/L

Note: Distinctions between concentration (color) contours may become less clear in black and white photocopies. Refer to the original color figure for best resolution.

N

800 400 0 800
SCALE IN FEET

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

FIGURE 1-30

PERCHLORATE
AQUIFER LAYER 3

January - February 1998

Jet Propulsion Laboratory
Pasadena, California

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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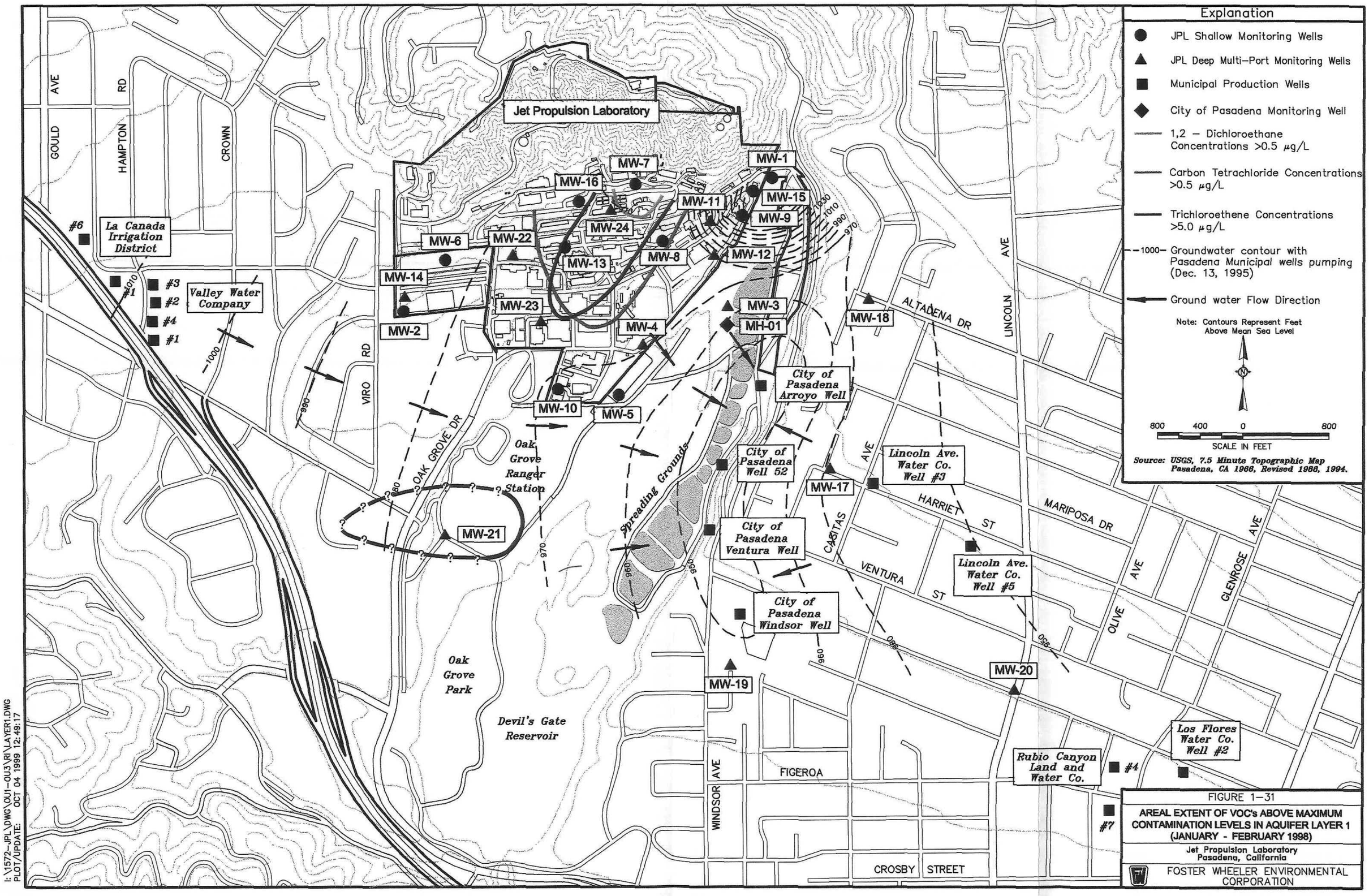

FIGURE 1–31

AREAL EXTENT OF VOC's ABOVE MAXIMUM CONTAMINATION LEVELS IN AQUIFER LAYER 1 (JANUARY - FEBRUARY 1998)

Jet Propulsion Laboratory
Pasadena, California

FOSTER WHEELER ENVIRONMENTAL CORPORATION

I:\1572-JPL\DWG\OU1-OU3\R1\LAYER1.DWG
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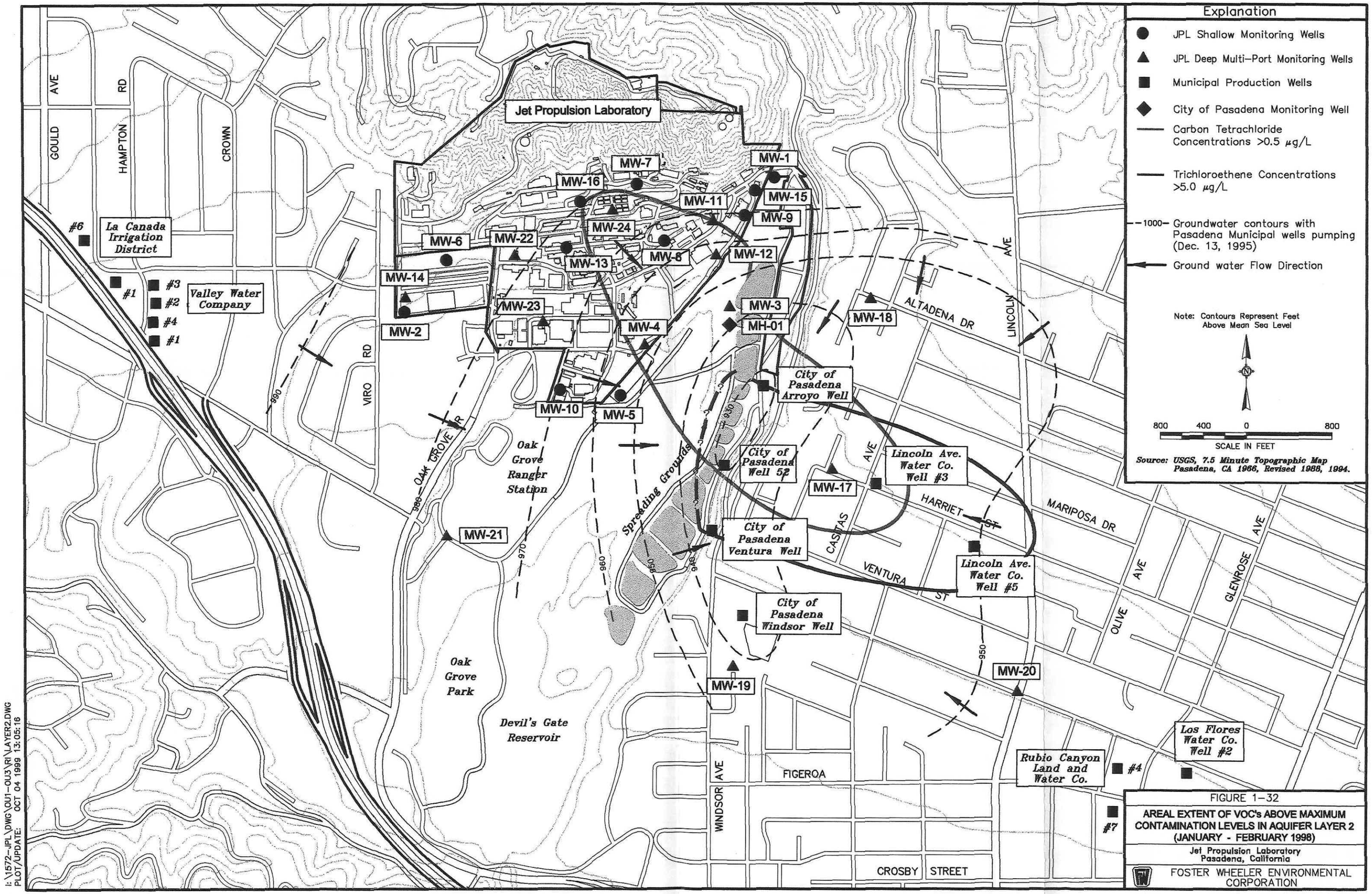

FIGURE 1–32

AREAL EXTENT OF VOC's ABOVE MAXIMUM CONTAMINATION LEVELS IN AQUIFER LAYER 2 (JANUARY - FEBRUARY 1998)

Jet Propulsion Laboratory
Pasadena, California

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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PLOT/UPDATE: OCT 04 1999 13:05:16

Continue

Jet Propulsion Laboratory

MW-1
MW-2
MW-3
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

La Canada Irrigation District
#6
#1

Valley Water Company
#3
#2
#4
#1

City of Pasadena Arroyo Well

City of Pasadena Well 52

City of Pasadena Ventura Well

City of Pasadena Windsor Well

Lincoln Ave. Water Co. Well #3

Lincoln Ave. Water Co. Well #5

Rubio Canyon Land and Water Co.
#4

Los Flores Water Co. Well #2

#7

Oak Grove Ranger Station

Oak Grove Park

Devil's Gate Reservoir

Spreading Grounds

GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
CASITAS AVE
WINDSOR AVE
FIGEROA
CROSBY STREET
HARRIET ST
VENTURA ST
MARIPOSA DR
OLIVE AVE
GLENROSE AVE
LINCOLN AVE
ALTADENA DR

1000
990
980
970
960
950
940
930
920
910
900
890
880
870
860
840
830
820

Explanation

- JPL Shallow Monitoring Wells
- JPL Deep Multi-Port Monitoring Wells
- Municipal Production Wells
- City of Pasadena Monitoring Well
- Carbon Tetrachloride Concentrations >0.5 µg/L
- Trichloroethene Concentrations >5.0 µg/L
- 1000 Groundwater contour with Pasadena Municipal wells pumping (Dec. 13, 1995)
- Groundwater Flow Direction

Note: Contours Represent Feet Above Mean Sea Level

N

800 400 0 800
SCALE IN FEET

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

FIGURE 1-33

AREAL EXTENT OF VOC's ABOVE MAXIMUM CONTAMINATION LEVELS IN AQUIFER LAYER 3 (JANUARY - FEBRUARY 1998)

Jet Propulsion Laboratory
Pasadena, California

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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