


Legend

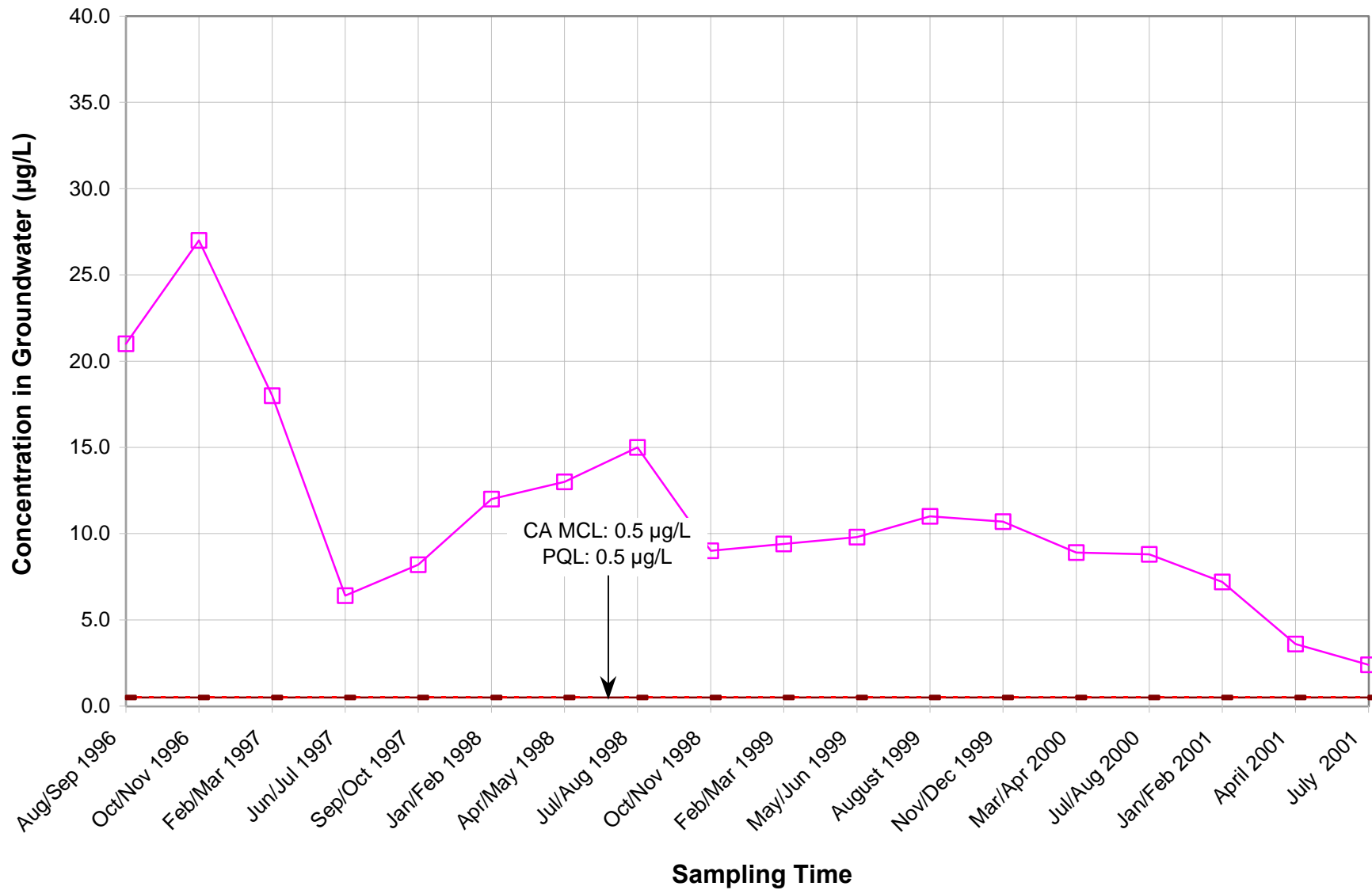
- ✱ Screen 2
 △ Screen 3
 ○ Screen 4
 ✱ Screen 5
- PQL
 - - - CA MCL

Only concentrations above PQL are plotted. Screen 1 concentration was below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-30
 CARBON TETRACHLORIDE DETECTED AT MW-12
 FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
 Pasadena, California


 SOTA Environmental Technology, Inc.

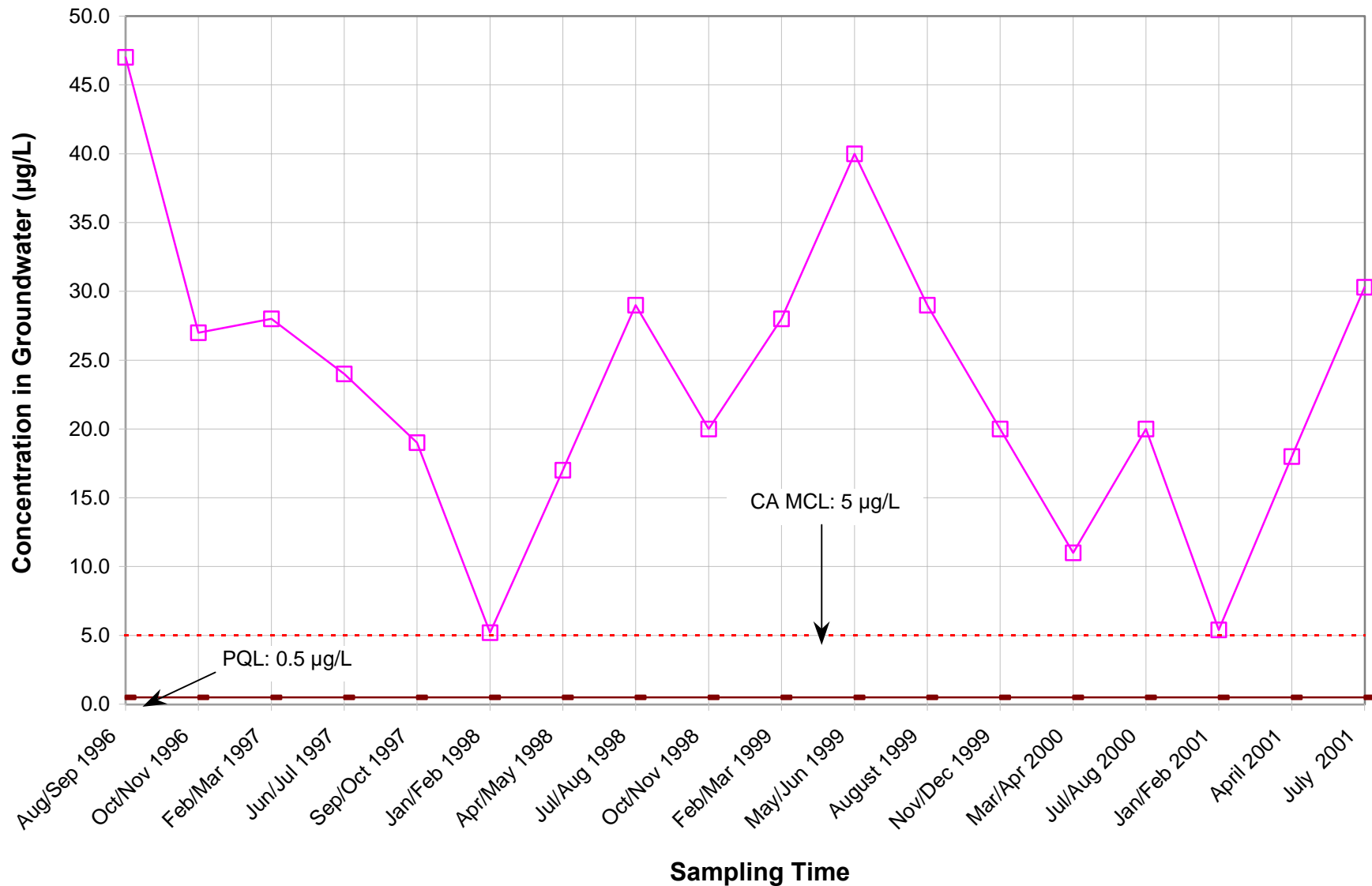


Legend

—□— Shallow Well
 —■— PQL
 - - - CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-31
CARBON TETRACHLORIDE DETECTED AT MW-13 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA <small>Environmental Technology, Inc.</small>
SOTA Environmental Technology, Inc.

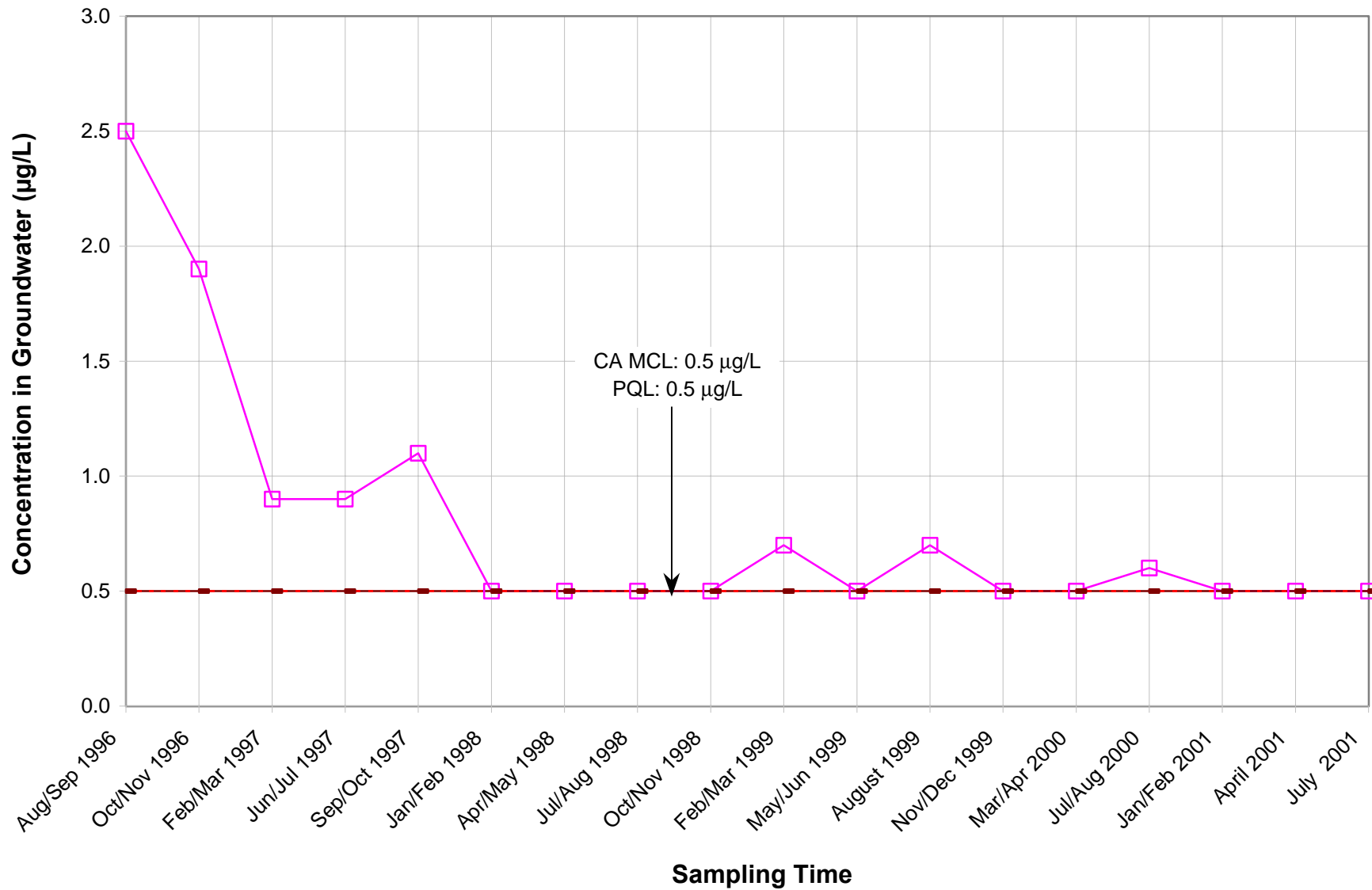


Legend

—□— Shallow Well
 —■— PQL
 - - - CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-32
TRICHLOROETHENE DETECTED AT MW-13 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

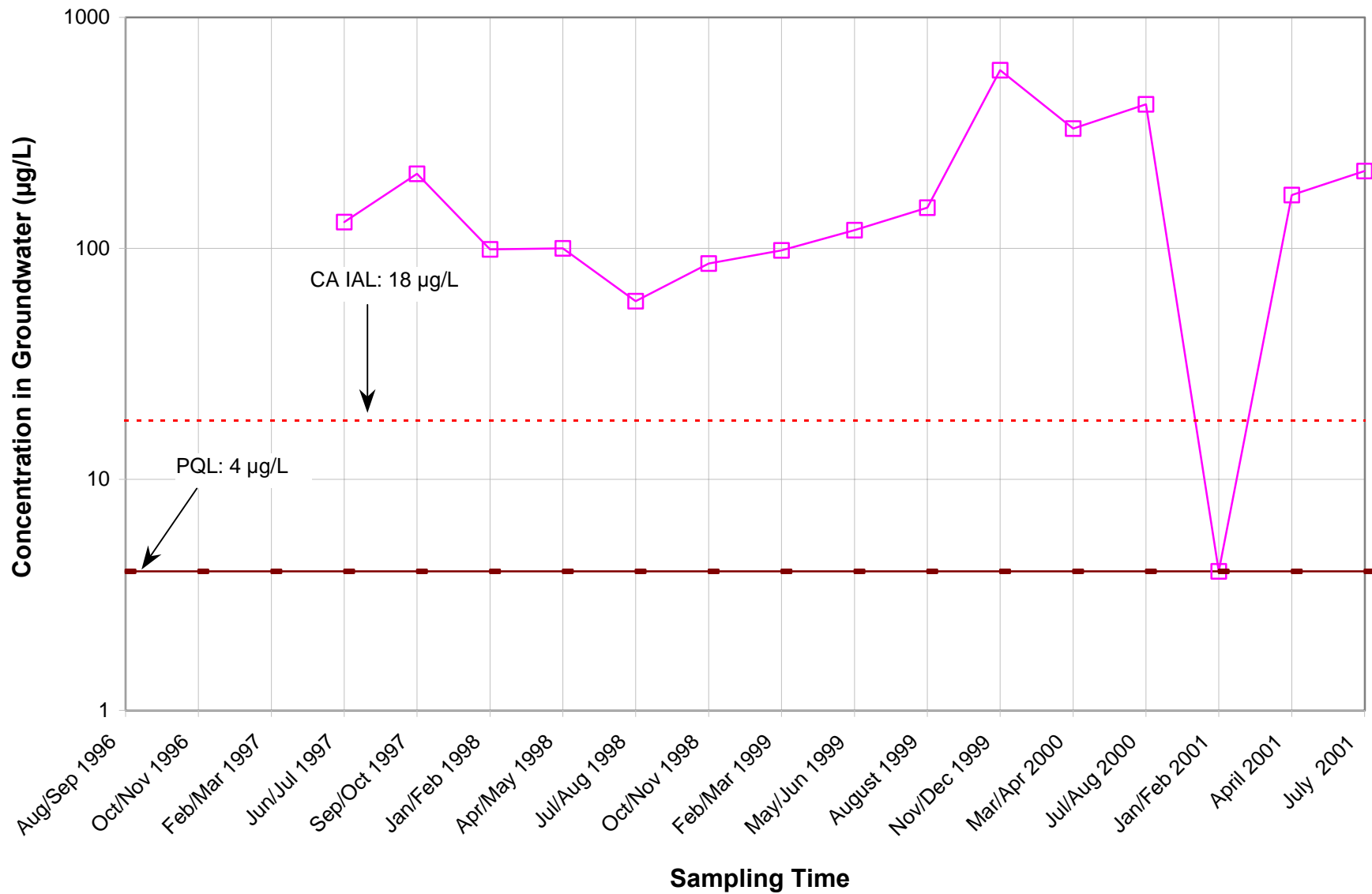


Legend

—□— Shallow Well
 —●— PQL
 - - - CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-33
1,2-DCA DETECTED AT MW-13 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

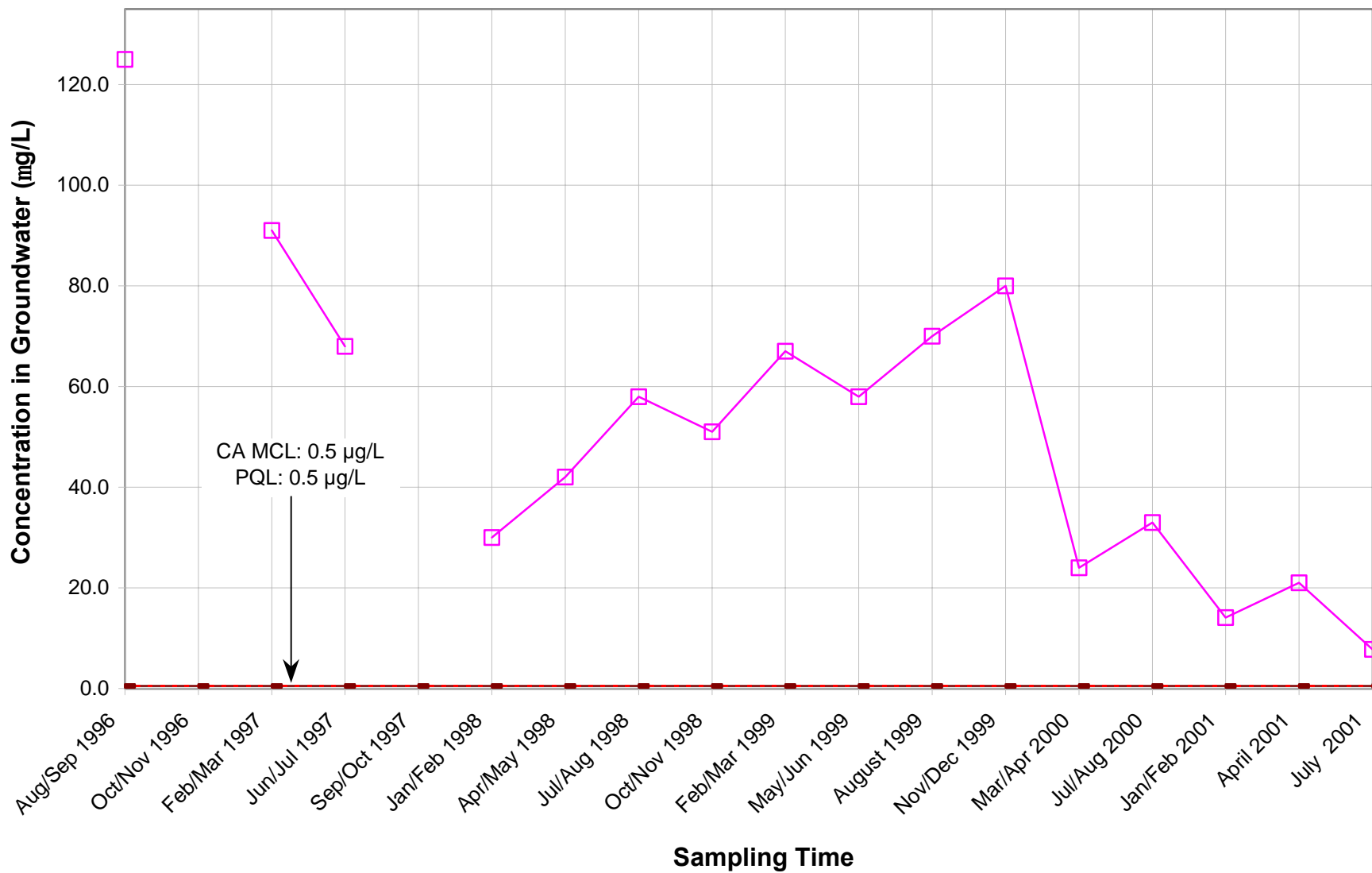


Legend

- Shallow Well
- PQL
- · · · CA IAL

Only concentrations above PQL are plotted.
 Values in (Y) axis are represented in Logarithmic scale.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-34
PERCHLORATE DETECTED AT MW-13 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

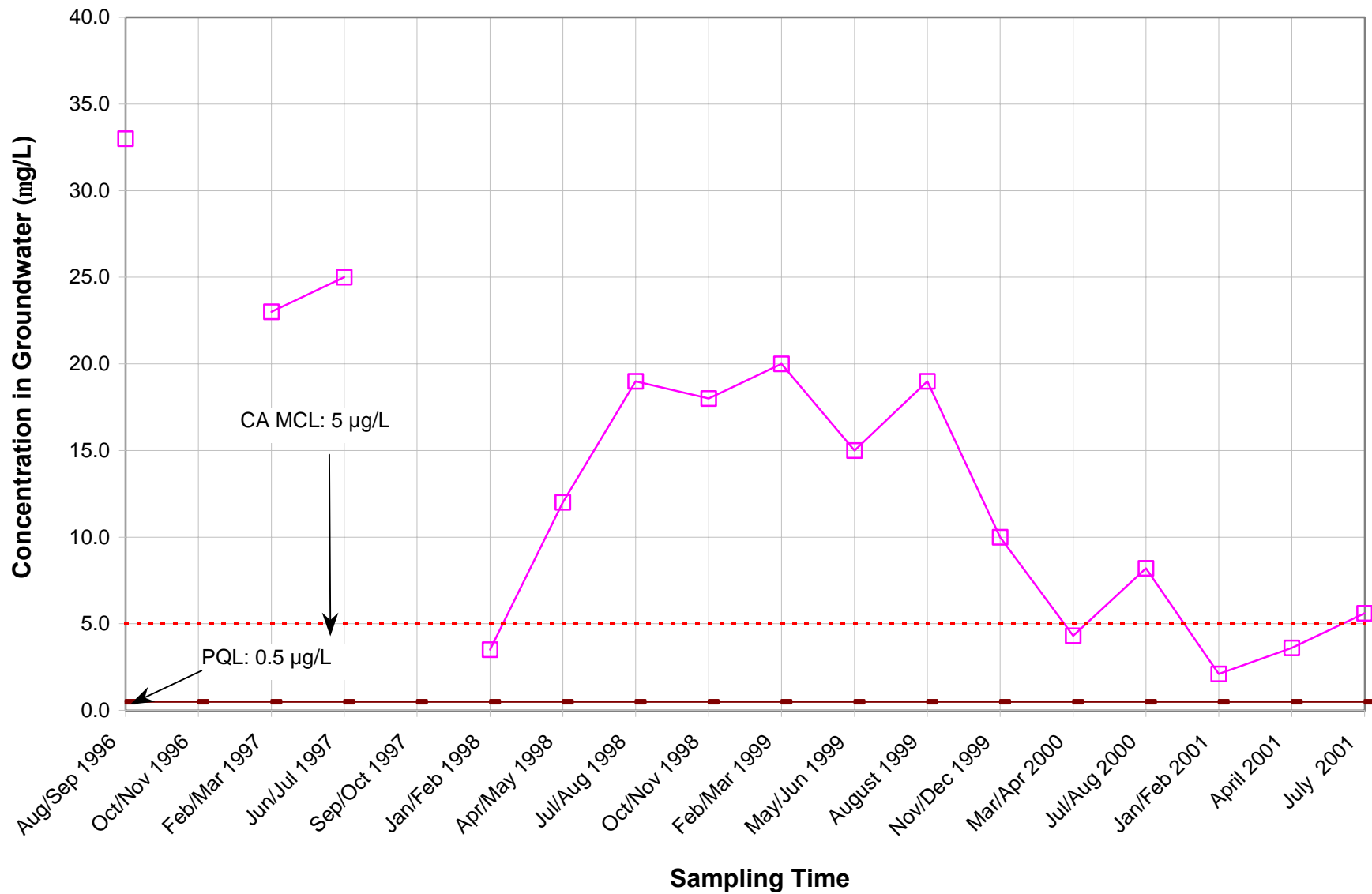


Legend

- Shallow Well
- PQL
- CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-35
CARBON TETRACHLORIDE DETECTED AT MW-16 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.
SOTA Environmental Technology, Inc.



Legend

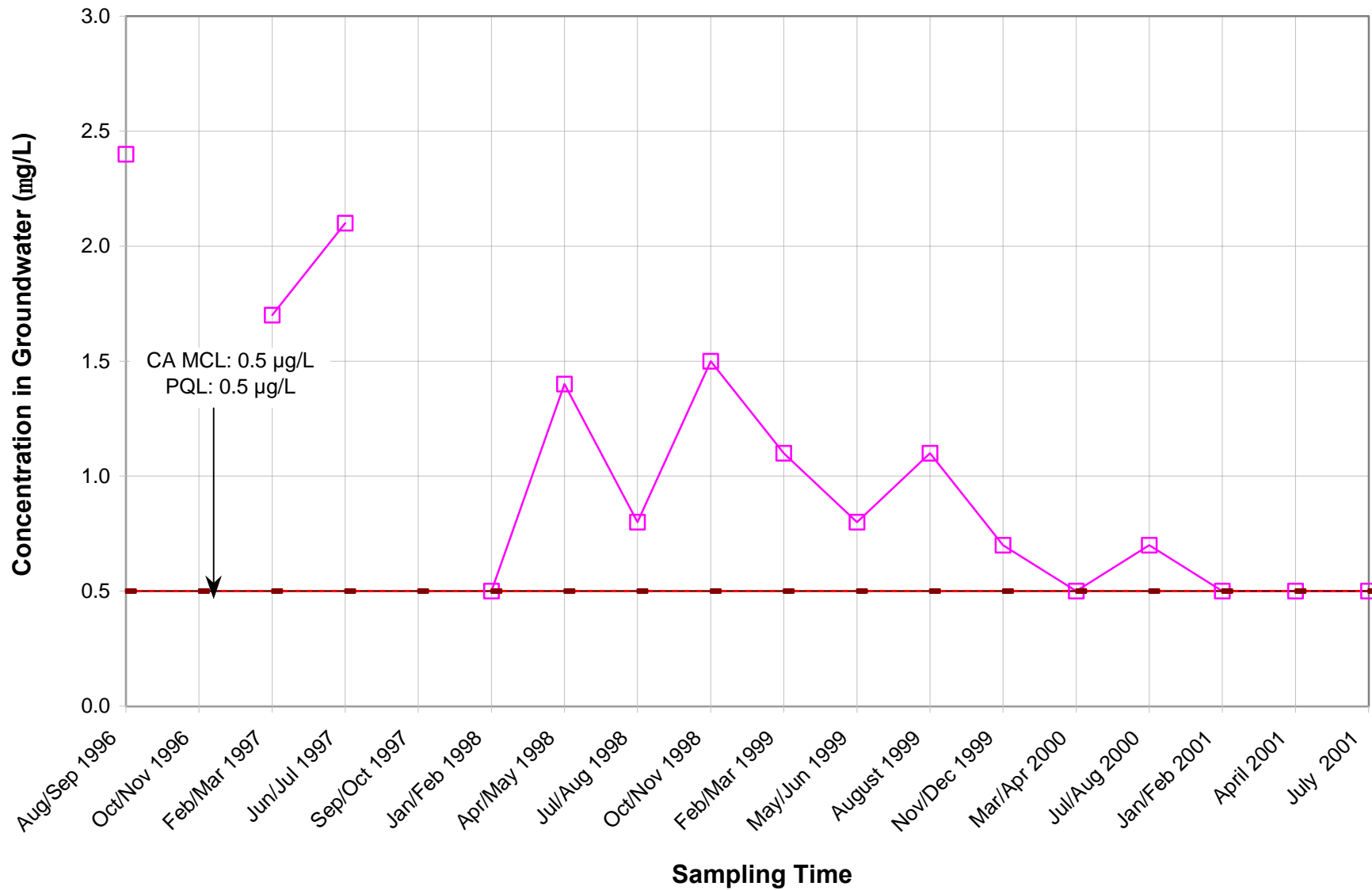
—□— Shallow Well —●— PQL - - - - - CA MCL

Only concentrations above PQL are plotted.
Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-36
TRICHLOROETHENE DETECTED AT MW-16
FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
Pasadena, California


SOTA Environmental Technology, Inc.

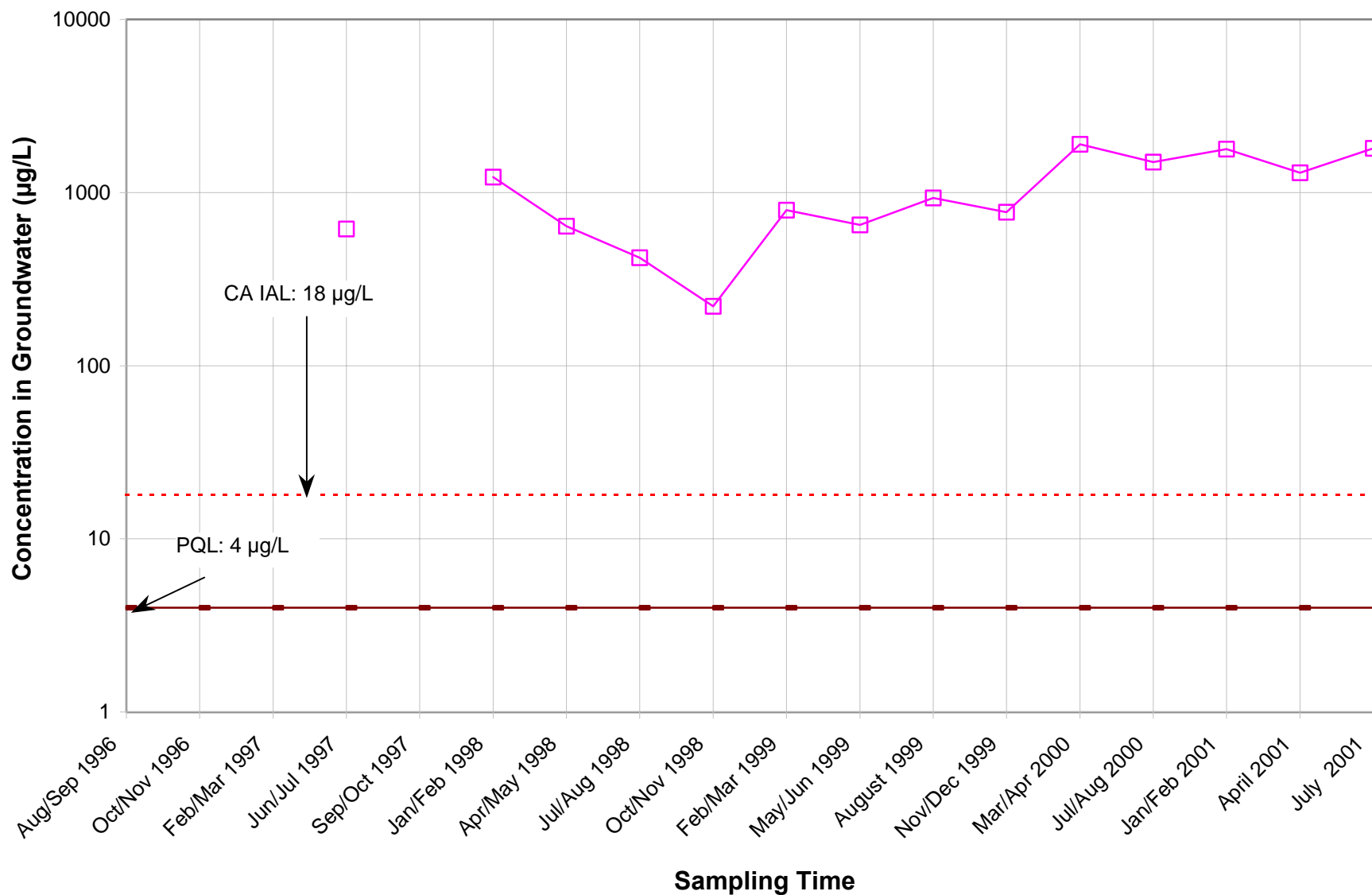


Legend

—□— Shallow Well —●— PQL - - - - CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-37	
1, 2-DCA DETECTED AT MW-16 FROM AUG/SEP 1996 TO JULY 2001	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.

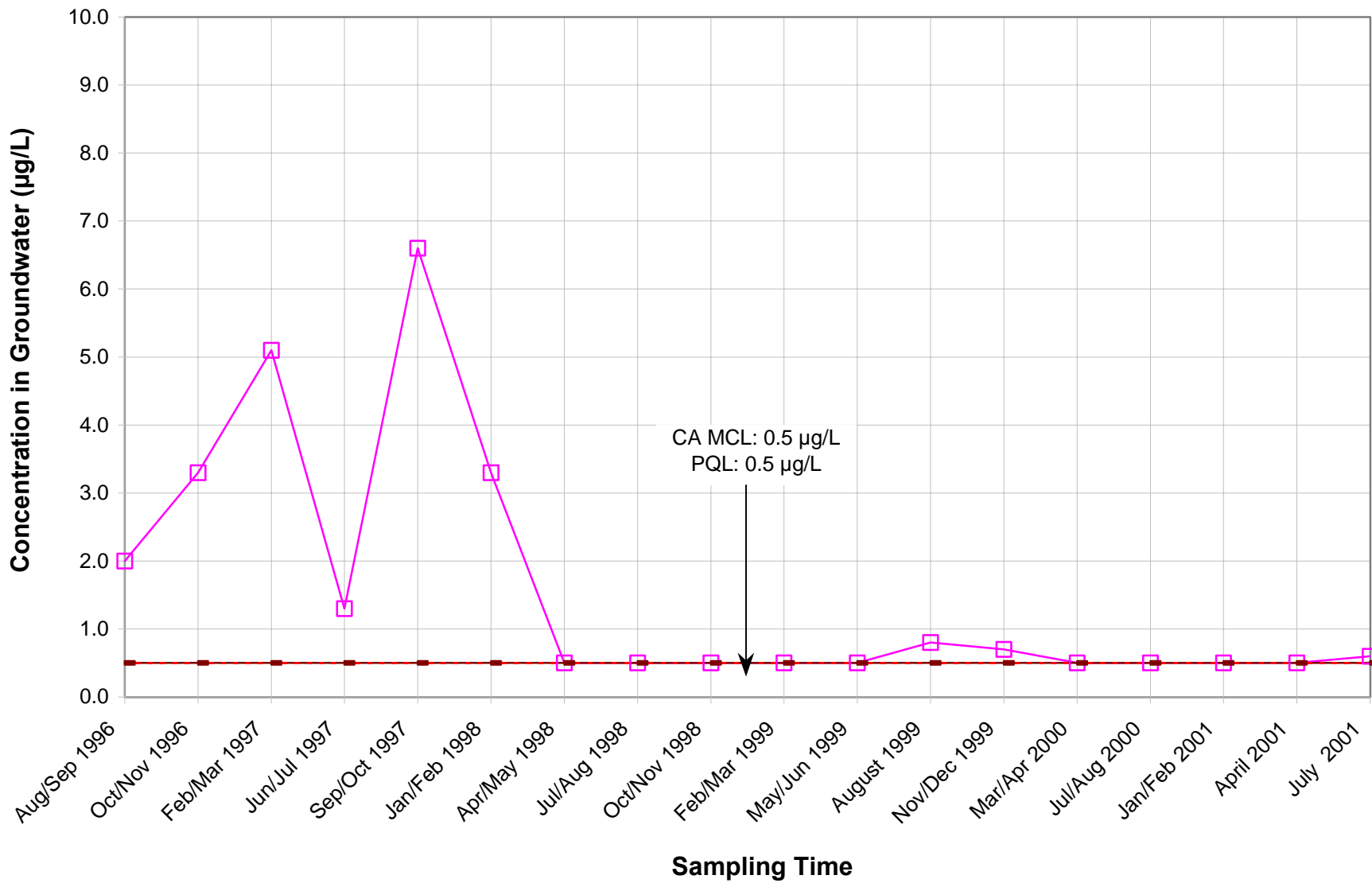


Legend

- Shallow Well
- PQL
- - - CA IAL

Only concentrations above PQL are plotted.
 Values in (Y) axis are represented in Logarithmic scale.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-38
PERCHLORATE DETECTED AT MW-16 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.
SOTA Environmental Technology, Inc.



Legend

—□— Screen 3
 —■— PQL
 - - - CA MCL

Only concentrations above PQL are plotted. Screens 2, 4, and 5 concentrations were below PQL. Screen 1 was not sampled in July 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

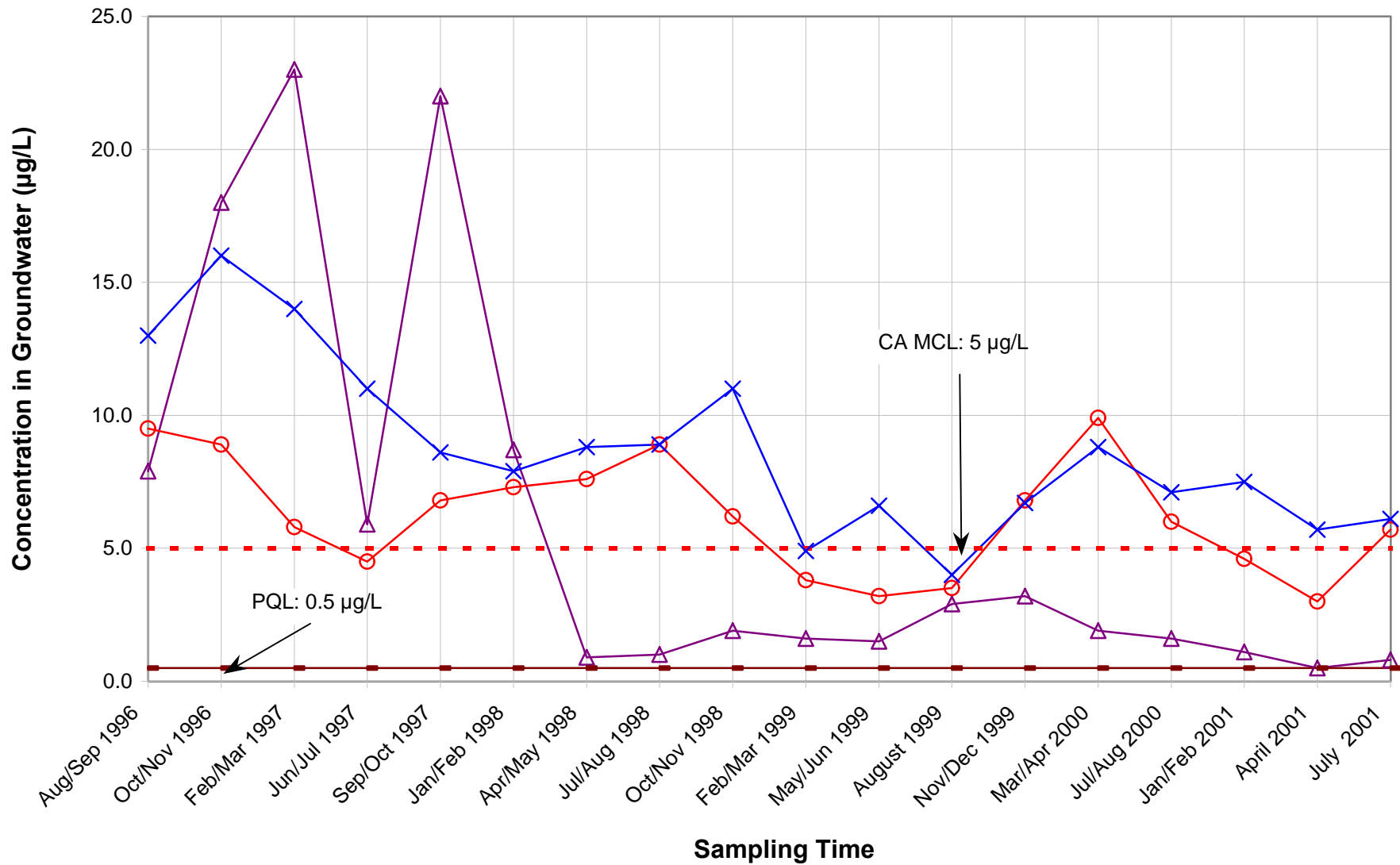
FIGURE 3-39

CARBON TETRACHLORIDE DETECTED AT MW-17
FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.




Legend

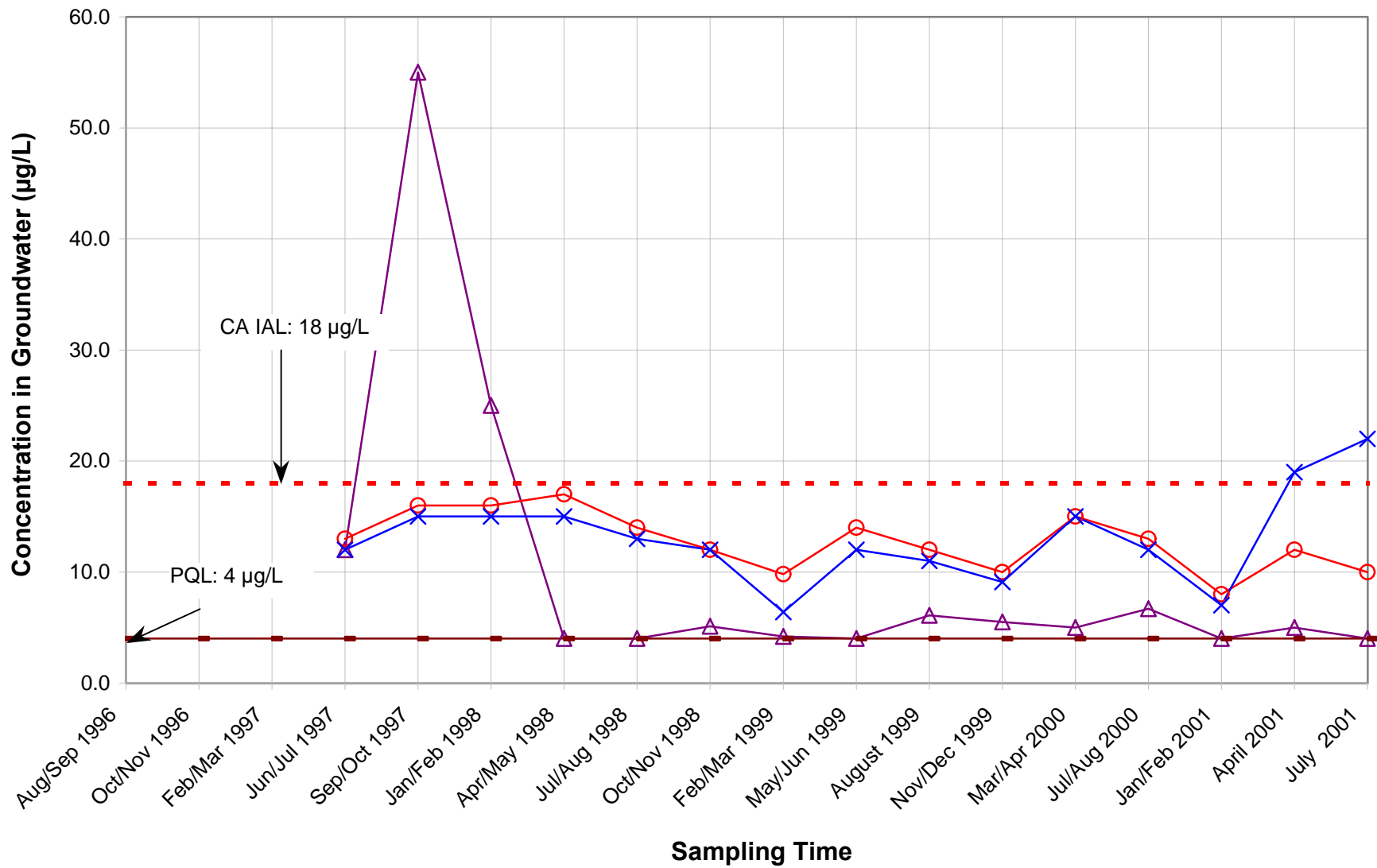
▲ Screen 3
 ● Screen 4
 × Screen 5
 — PQL
 - - - CA MCL

Only concentrations above PQL are plotted. Screen 2 concentrations were below PQL. Screen 1 was not sampled in July 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-40
TRICHLOROETHENE DETECTED AT MW-17
FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.





Legend

—△— Screen 3
 —○— Screen 4
 —×— Screen 5
 —■— PQL
 - - - CA IAL

Only concentrations above PQL are plotted. Screen 2 concentrations were below PQL. Screen 1 was not sampled in July 2001.

Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

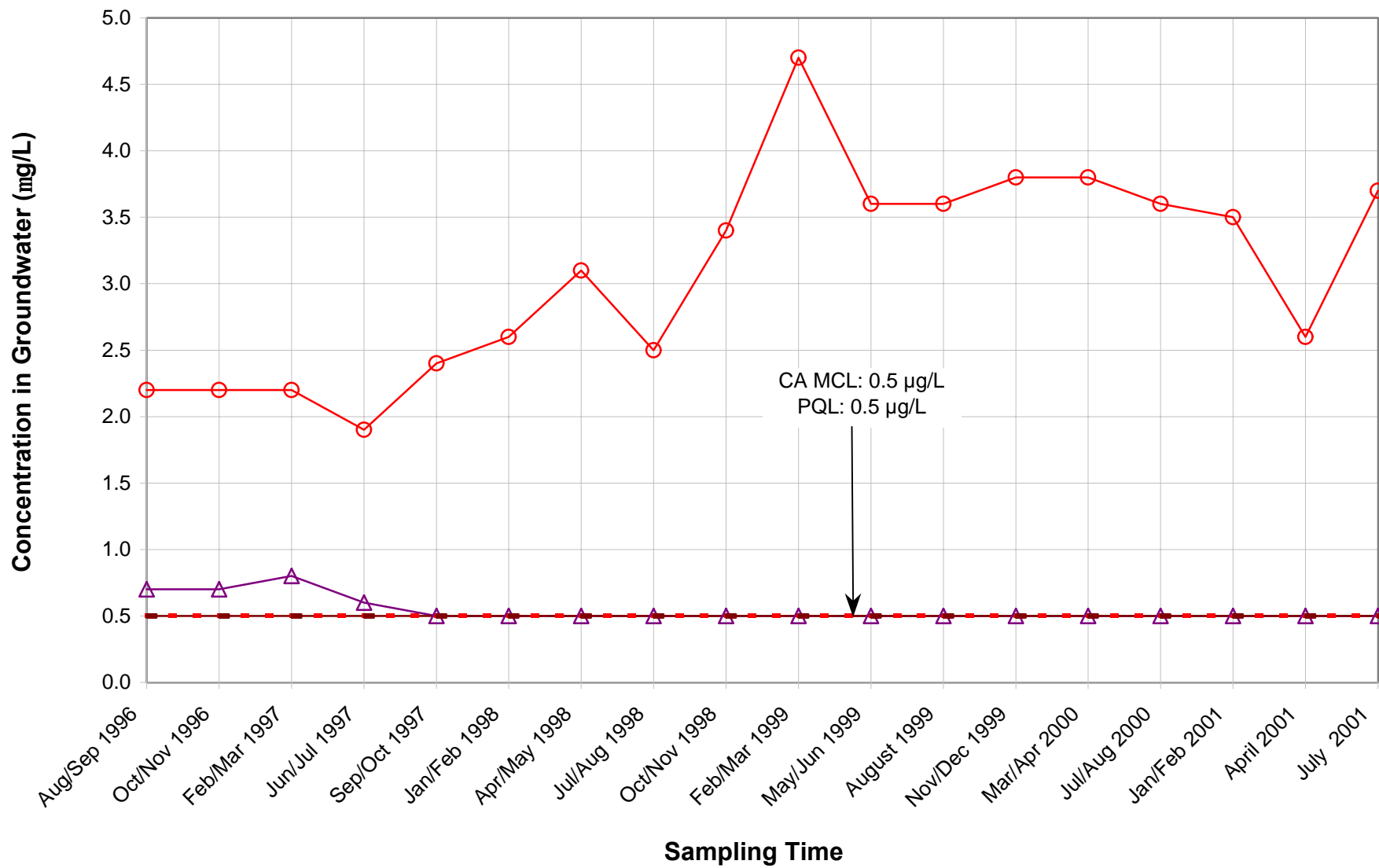
FIGURE 3-41

PERCHLORATE DETECTED AT MW-17
FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.

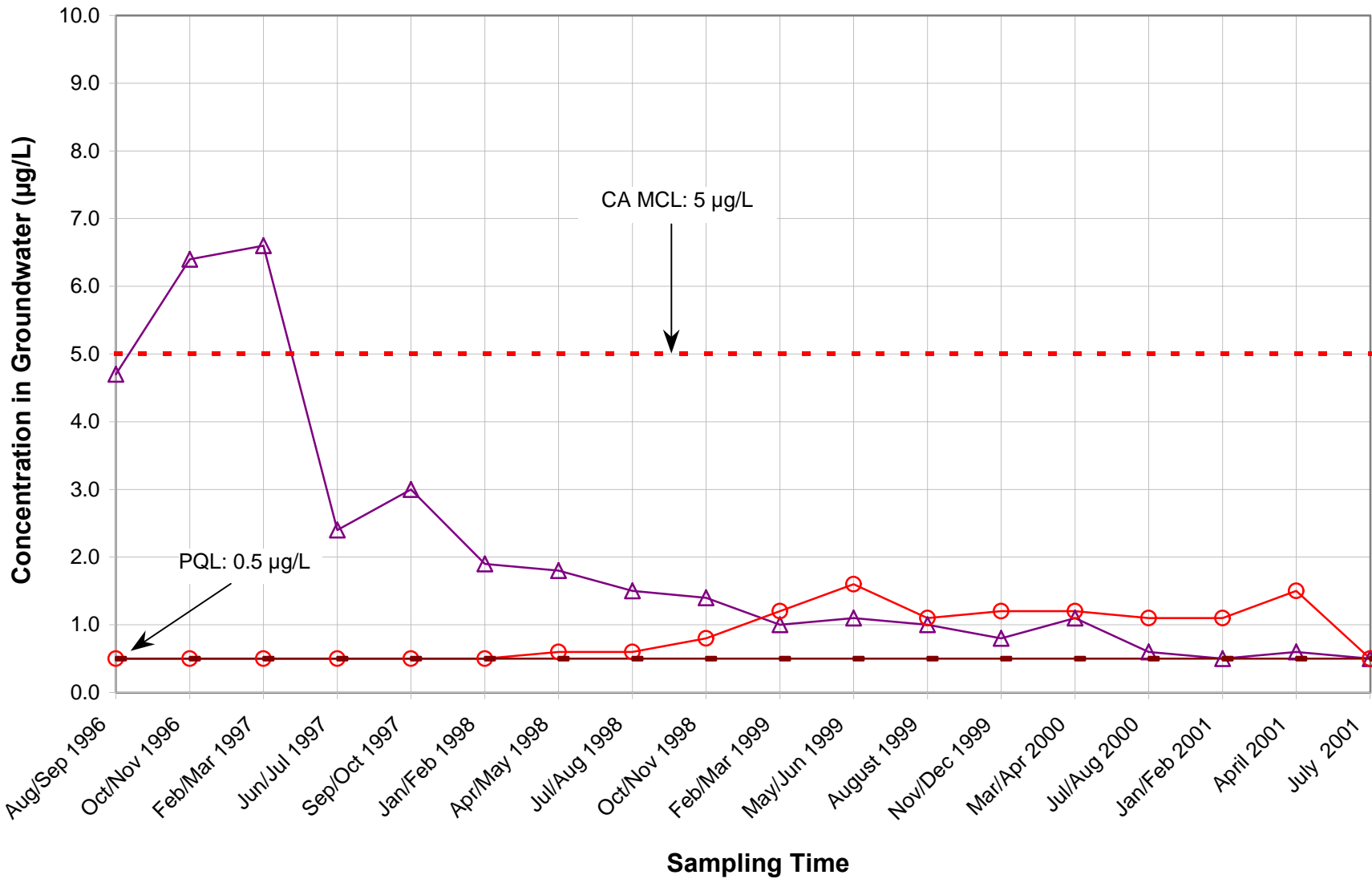


Legend

- △— Screen 3
- screen 4
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 2 and 5 concentrations were below PQL. Screen 1 was not sampled in July 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-42 CARBON TETRACHLORIDE DETECTED AT MW-18 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

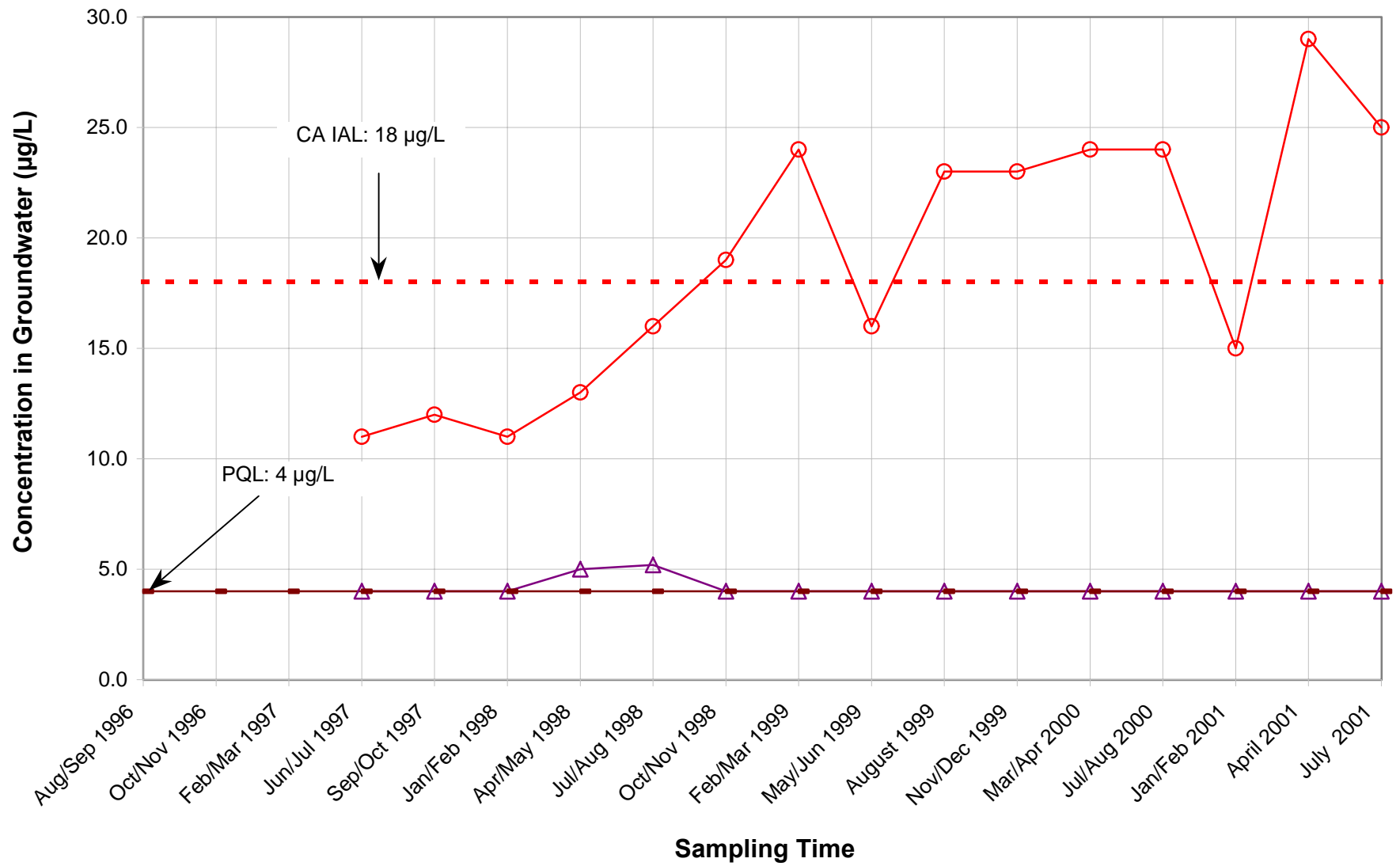


Legend

- △— Screen 3
- Screen 4
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 2 and 5 concentrations were below PQL. Screen 1 was not sampled in July 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-43
TRICHLOROETHENE DETECTED AT MW-18 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

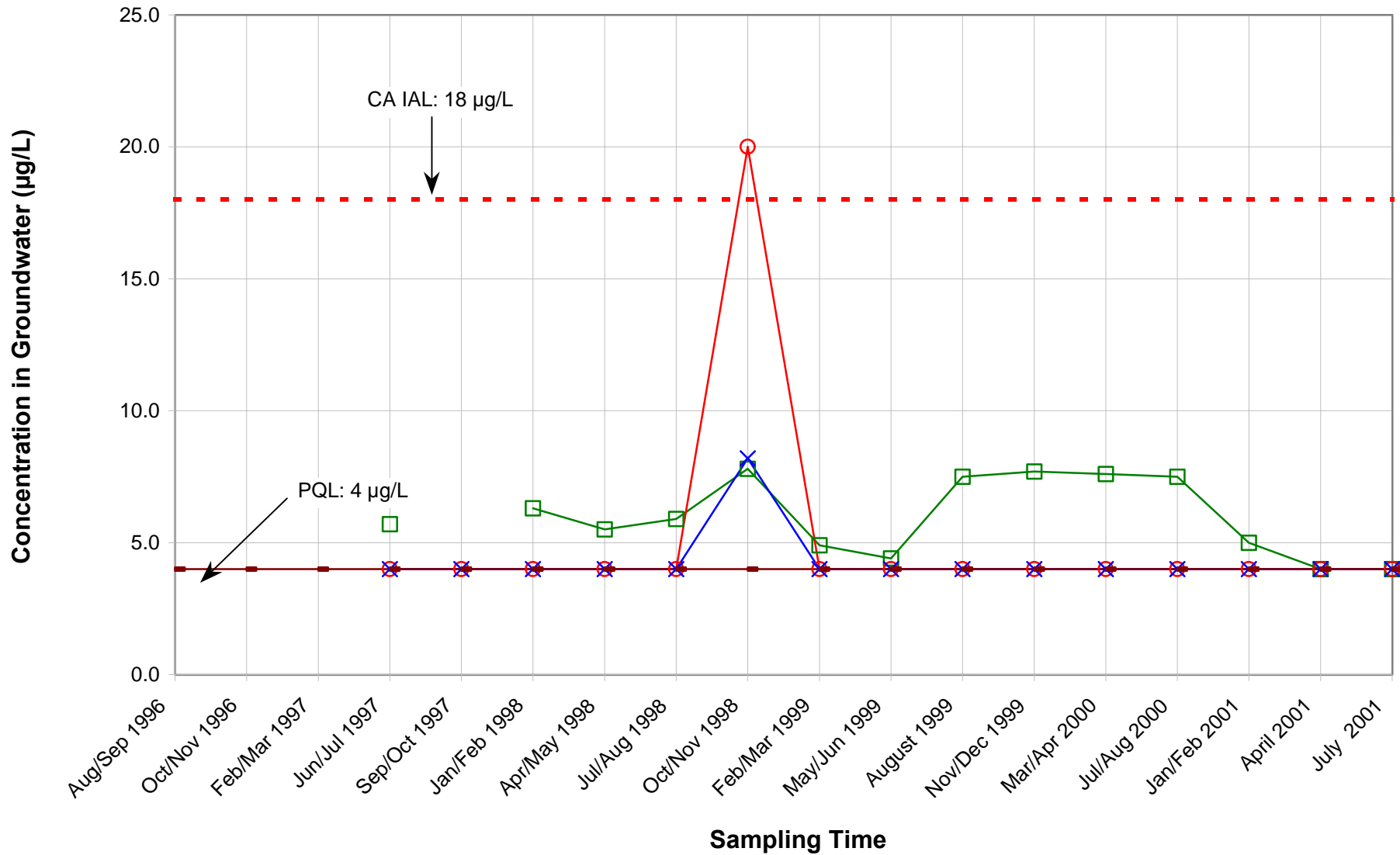


Legend

—△— Screen 3
 —○— Screen 4
 —■— PQL
 - - - CA IAL

Only concentrations above PQL are plotted. Screens 2 and 5 concentrations were below PQL.
 Screen 1 was not sampled in July 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-44 PERCHLORATE DETECTED AT MW-18 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

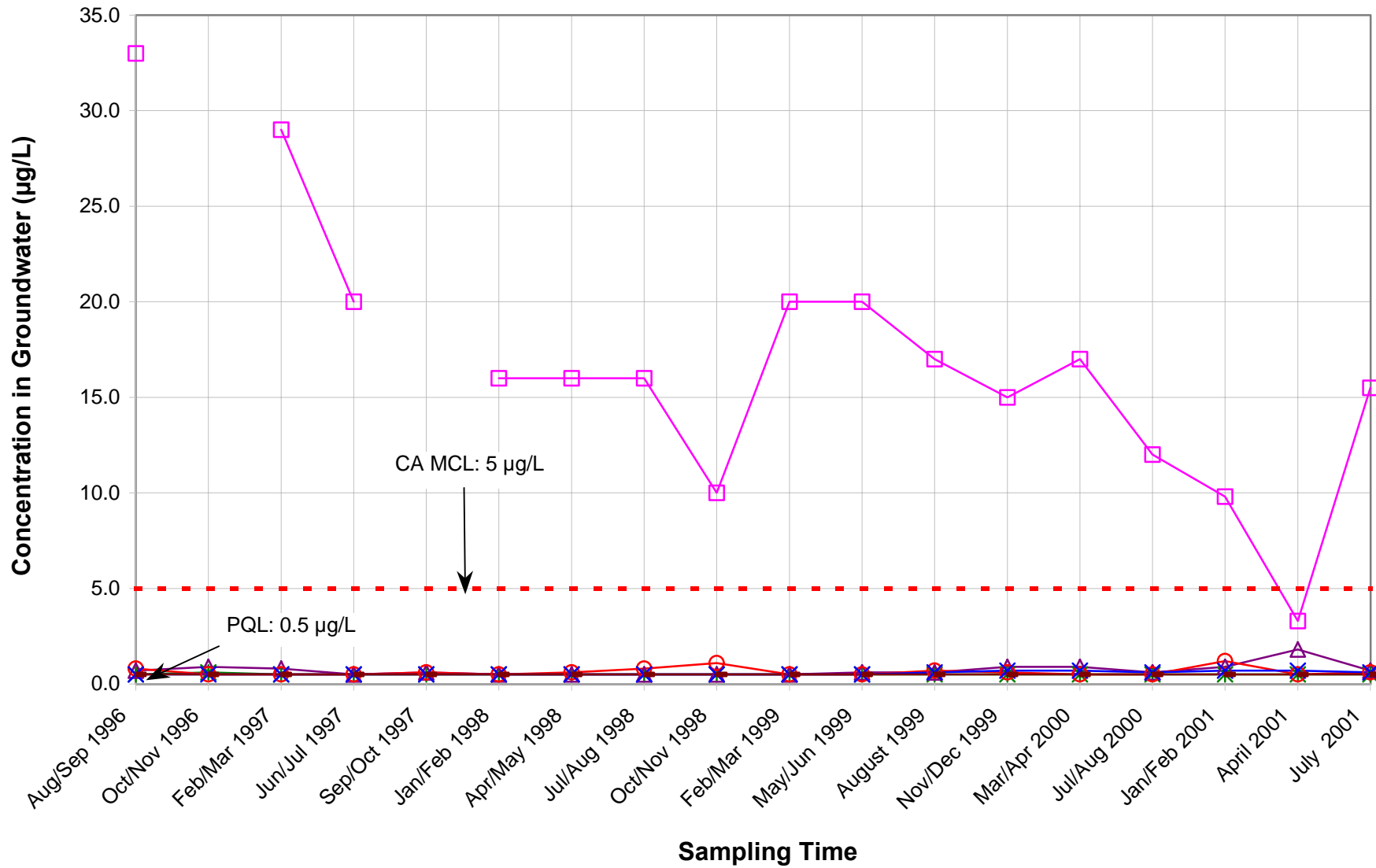


Legend

- Screen 1
- Screen 4
- ×— Screen 5
- PQL
- - - CA IAL

Only concentrations above PQL are plotted. Screens 2 and 3 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-45
PERCHLORATE DETECTED AT MW-20 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.
SOTA Environmental Technology, Inc.

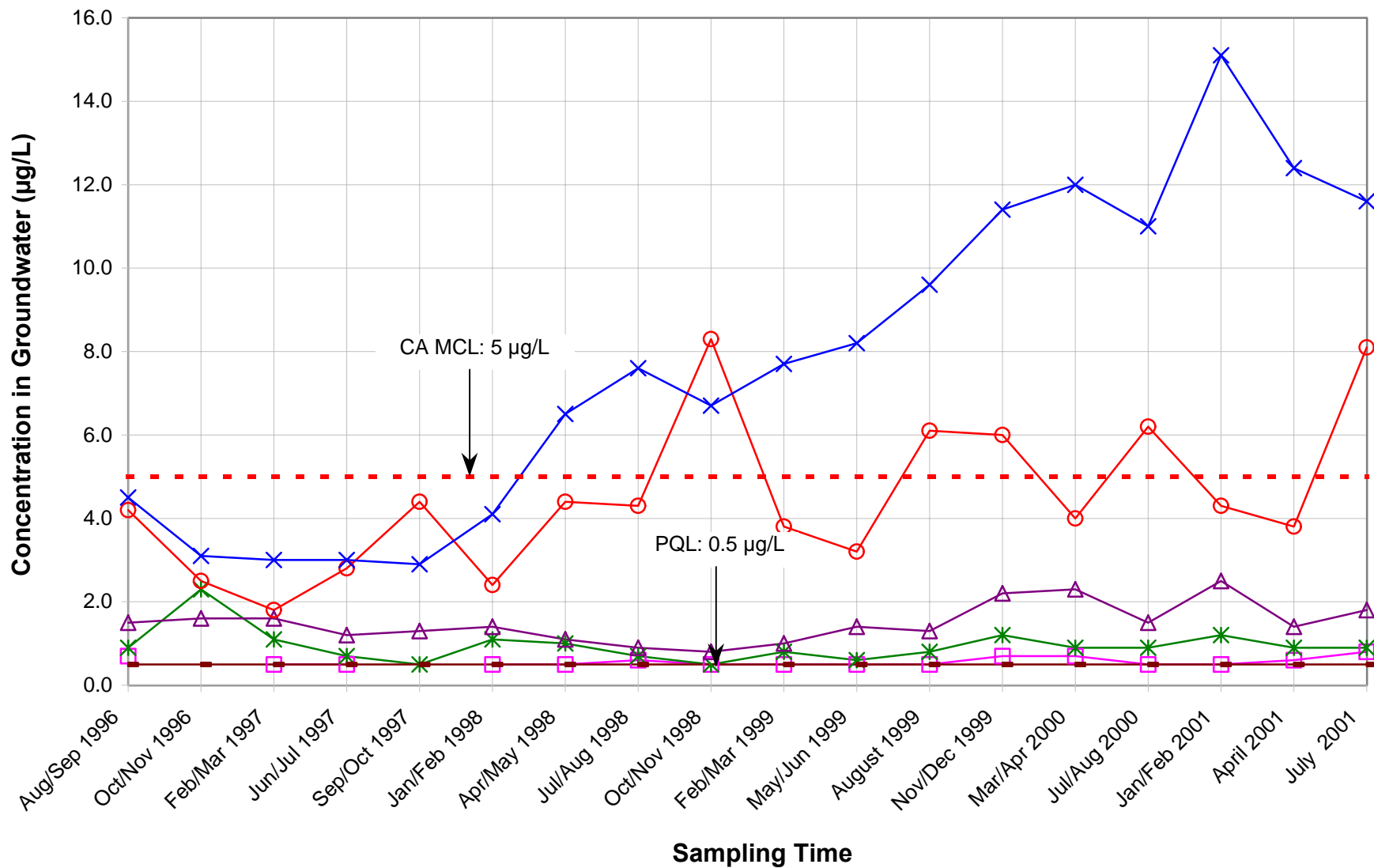


Legend

- Screen 1
- *— Screen 2
- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-46
TRICHLOROETHENE DETECTED AT MW-21 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

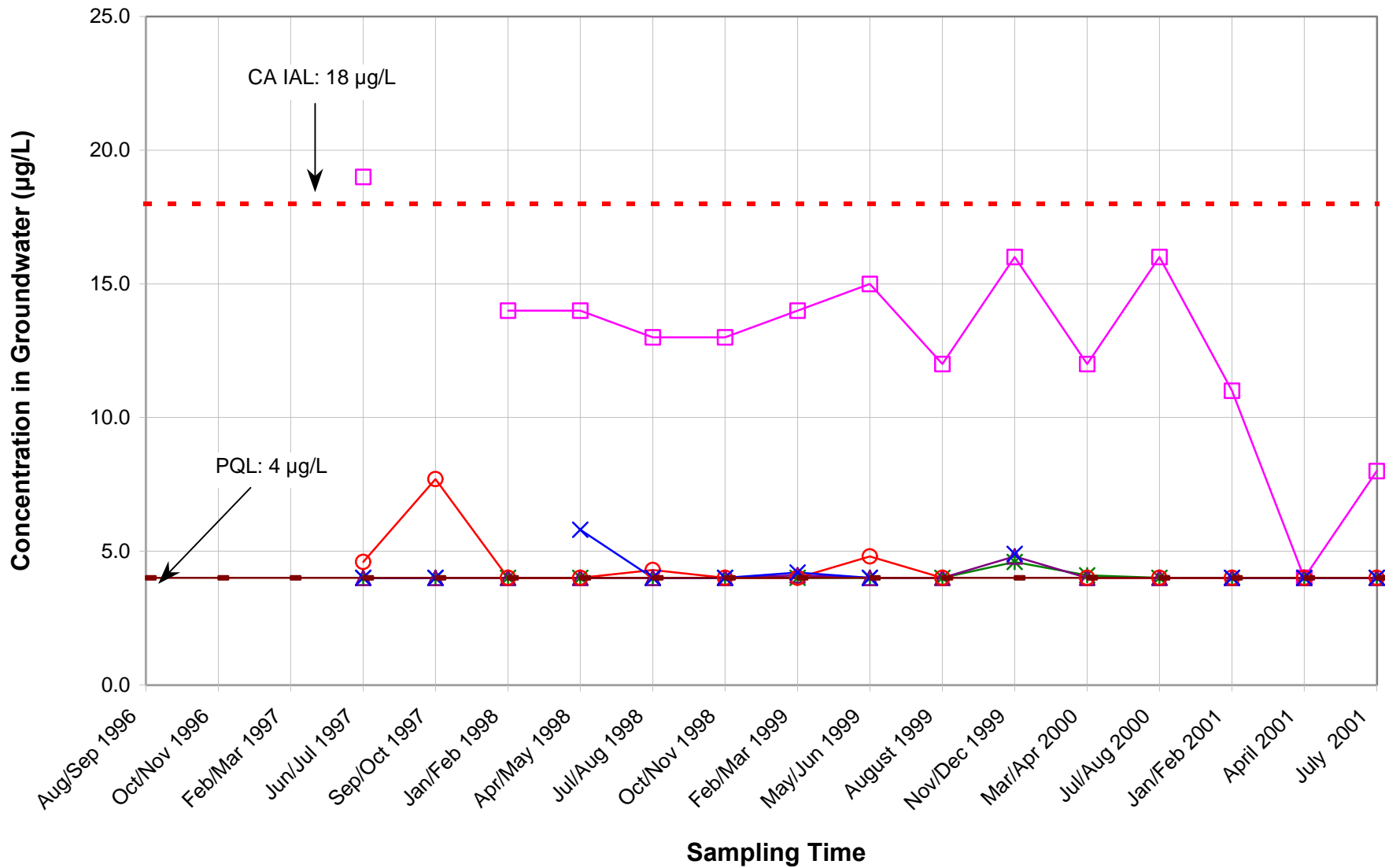


Legend

- Screen 1
- *— Screen 2
- △— Sscreen 3
- Screen 4
- ×— Screen 5
- PQL
- · — CA MCL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-47
TETRACHLOROETHENE DETECTED AT MW-21 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.



Legend

- Screen 1
- *— Screen 2
- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - CA IAL

Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

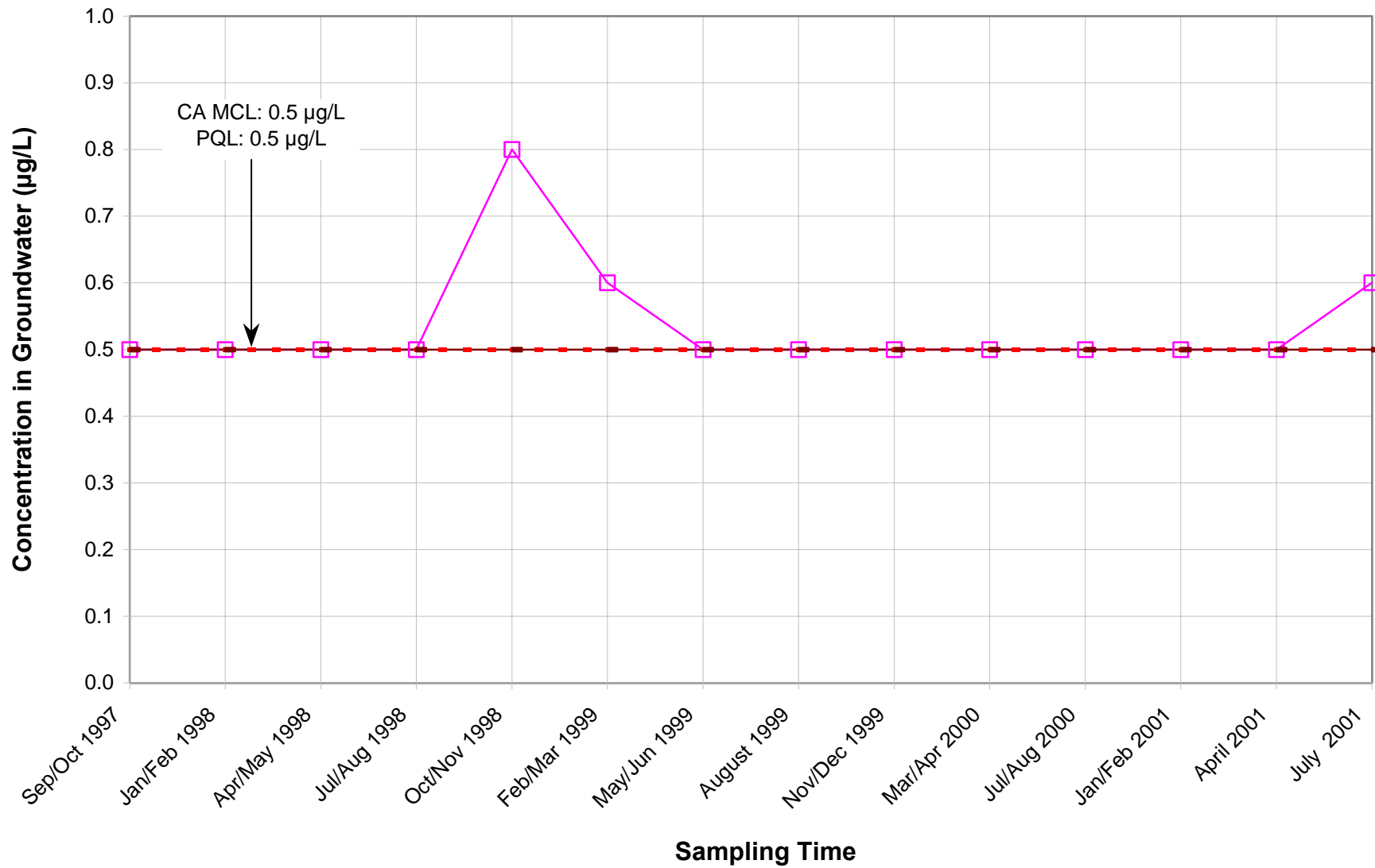
FIGURE 3-48

**PERCHLORATE DETECTED AT MW-21
 FROM AUG/SEP 1996 TO JULY 2001**

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc.





Legend

—□— Screen 1 —●— PQL - - - CA MCL

Only concentrations above PQL are plotted. Screens 2 and 3 concentrations were below PQL. Screens 4 and 5 were not sampled in July 2001.

Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

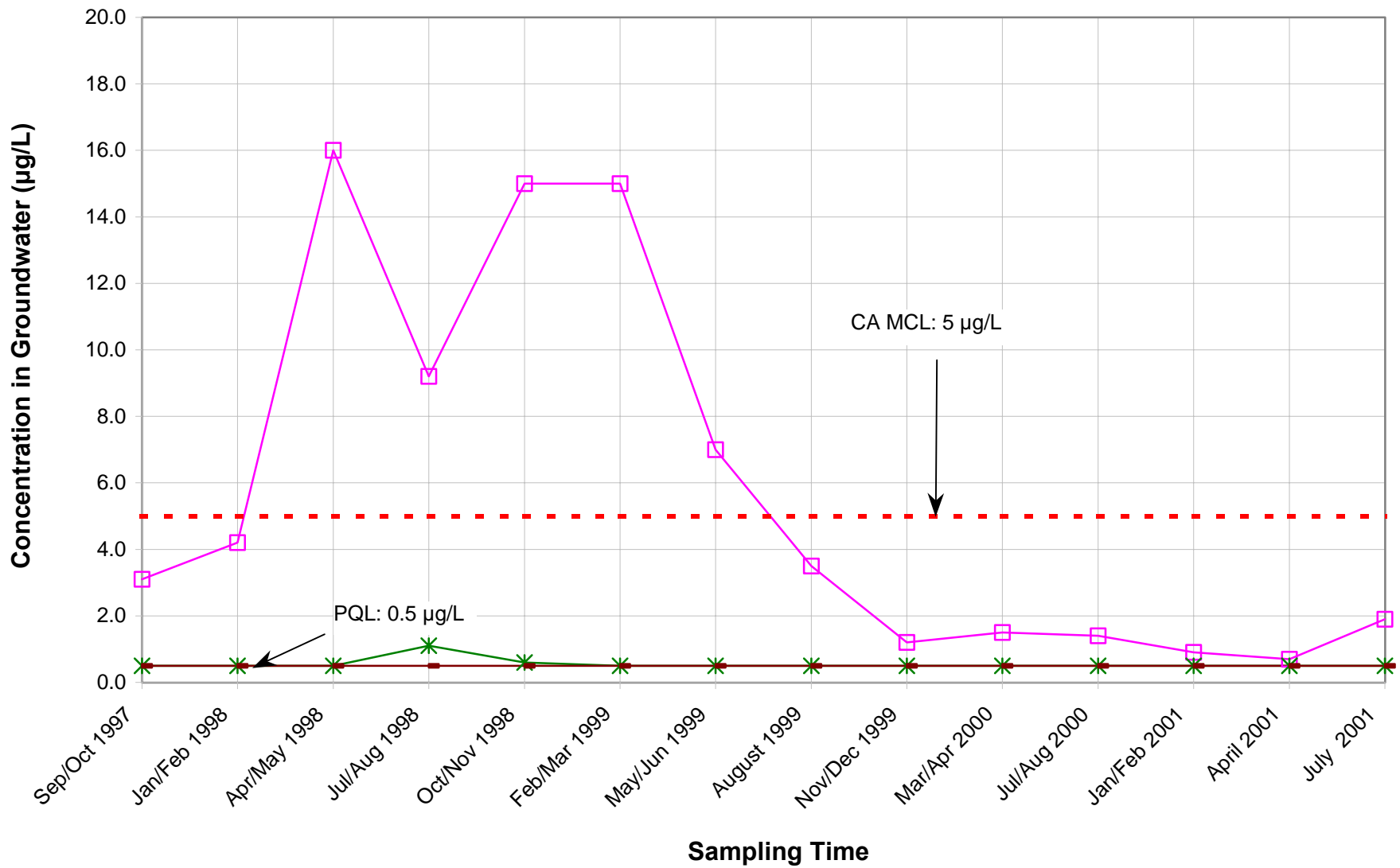
FIGURE 3-49

CARBON TETRACHLORIDE DETECTED AT MW-23
FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
Pasadena, California




SOTA Environmental Technology, Inc.

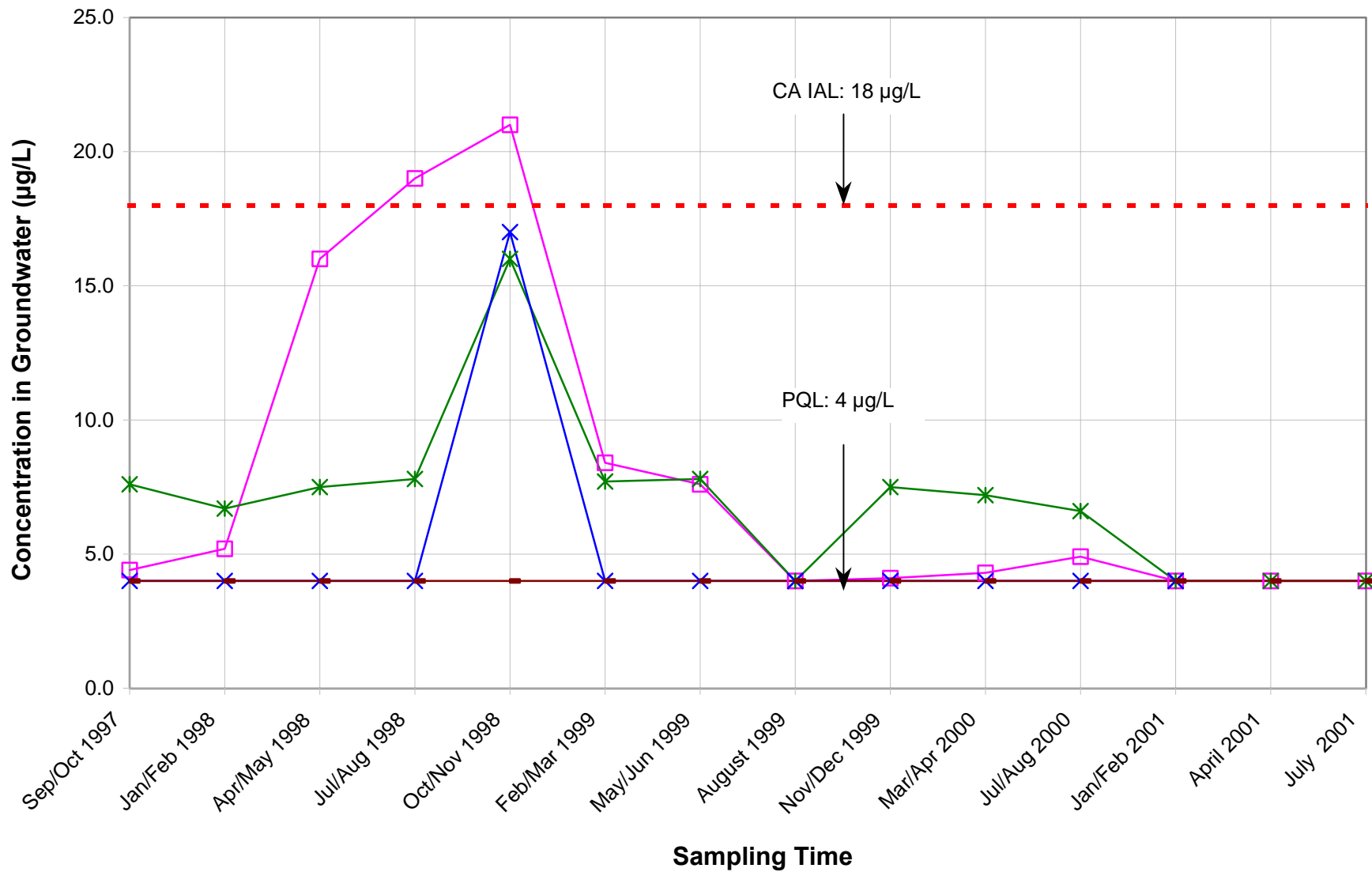


Legend

- Screen 1
- *— Screen 2
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screen 3 concentrations were below PQL. Screens 4 and 5 were not sampled in July 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-50
TRICHLOROETHENE DETECTED AT MW-23 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
 SOTA Environmental Technology, Inc.

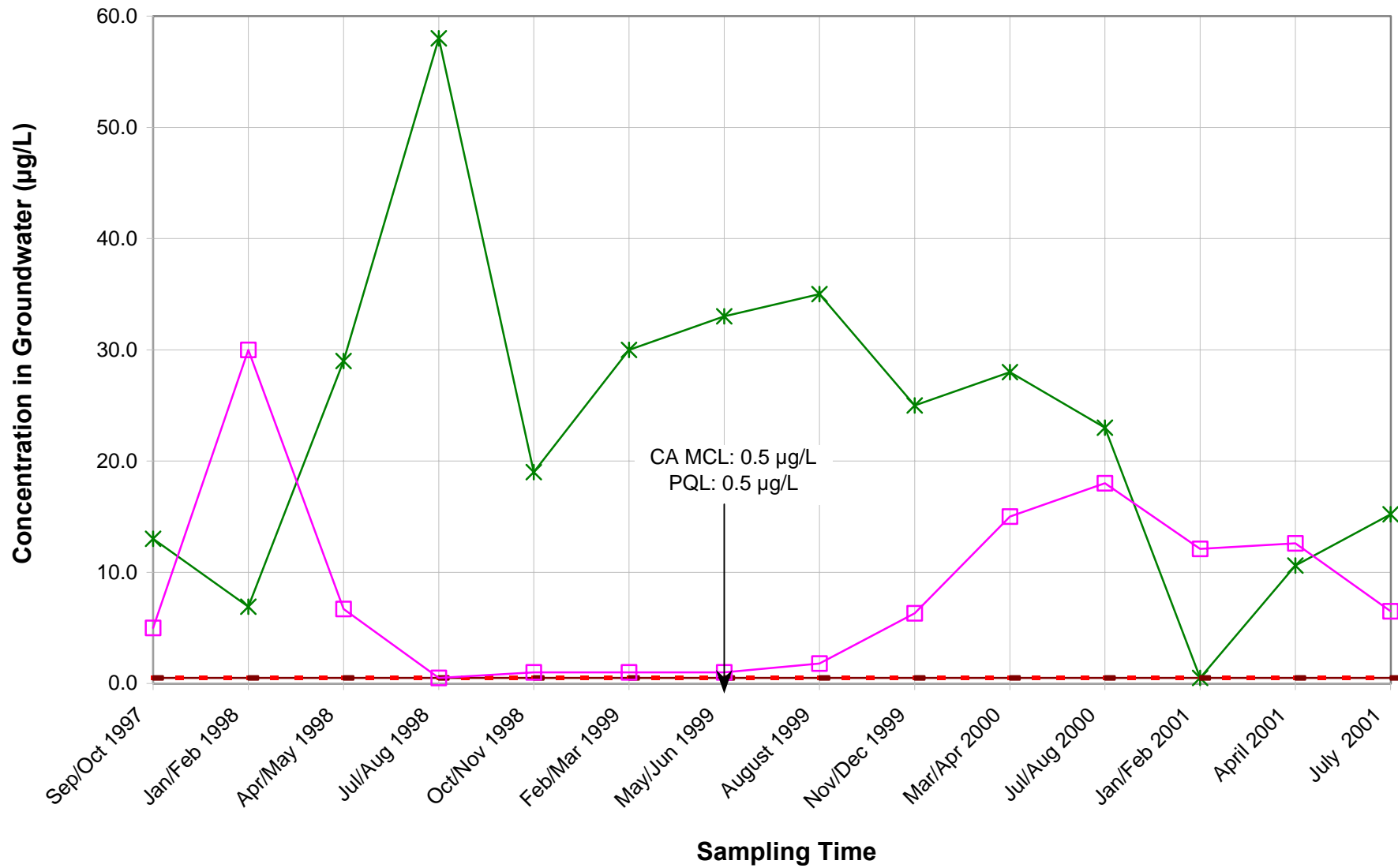


Legend

- Screen 1
- *— Screen 2
- x— Screen 5
- PQL
- - - CAIAL

Only concentrations above PQL are plotted. Screens 3 and 4 concentrations were below PQL. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-51
PERCHLORATE DETECTED AT MW-23 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

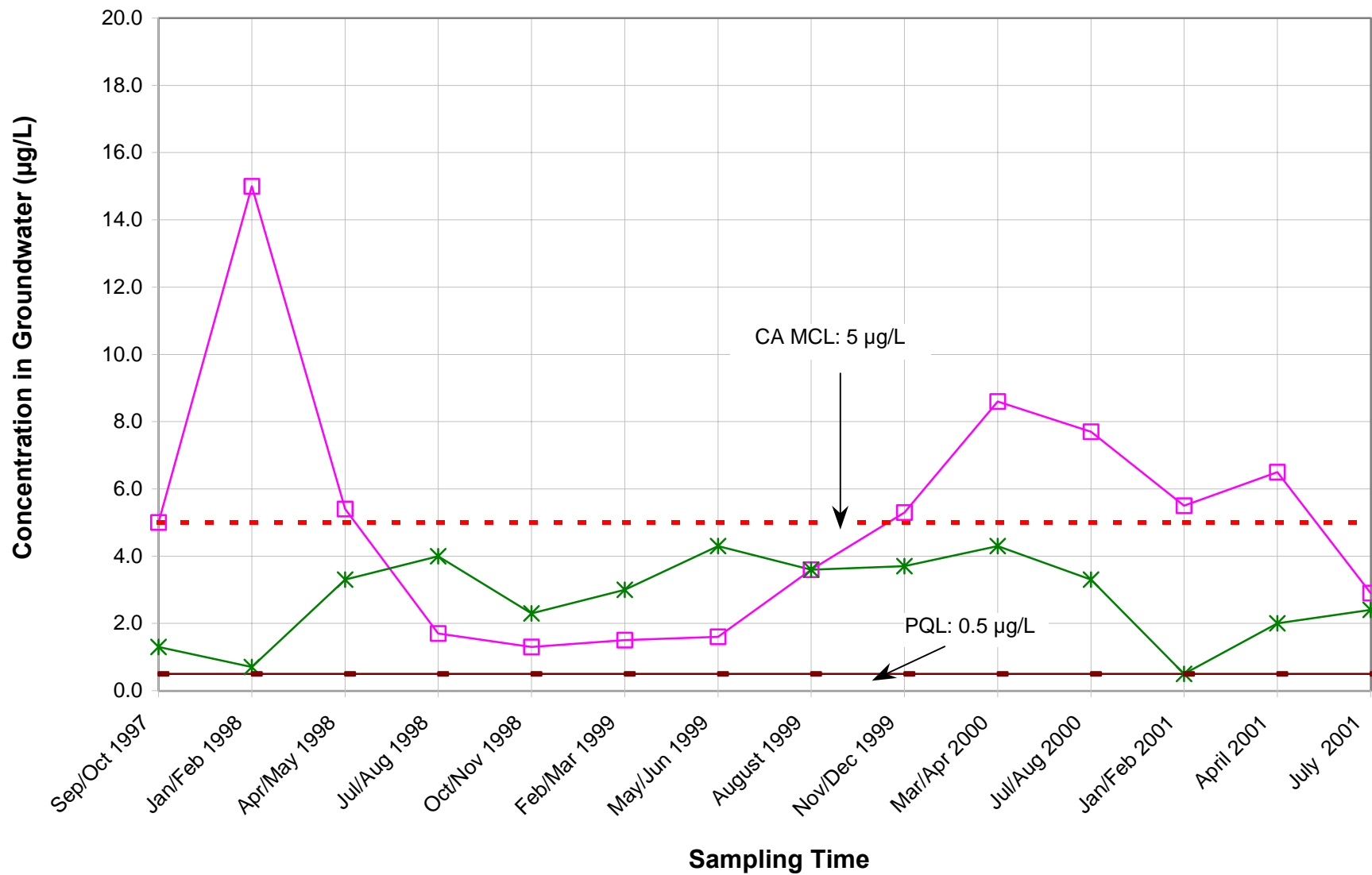


Legend

- *— Screen 2
- PQL
- - - CA MCL
- Screen 1

Only concentrations above PQL are plotted. Screen 3 concentrations were below PQL. Screens 4 and 5 were not sampled in July 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-52
CARBON TETRACHLORIDE DETECTED AT MW-24 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.



Legend

- Screen 1
- *— Screen 2
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screen 3 concentrations were below PQL. Screens 4 and 5 were not sampled in July 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

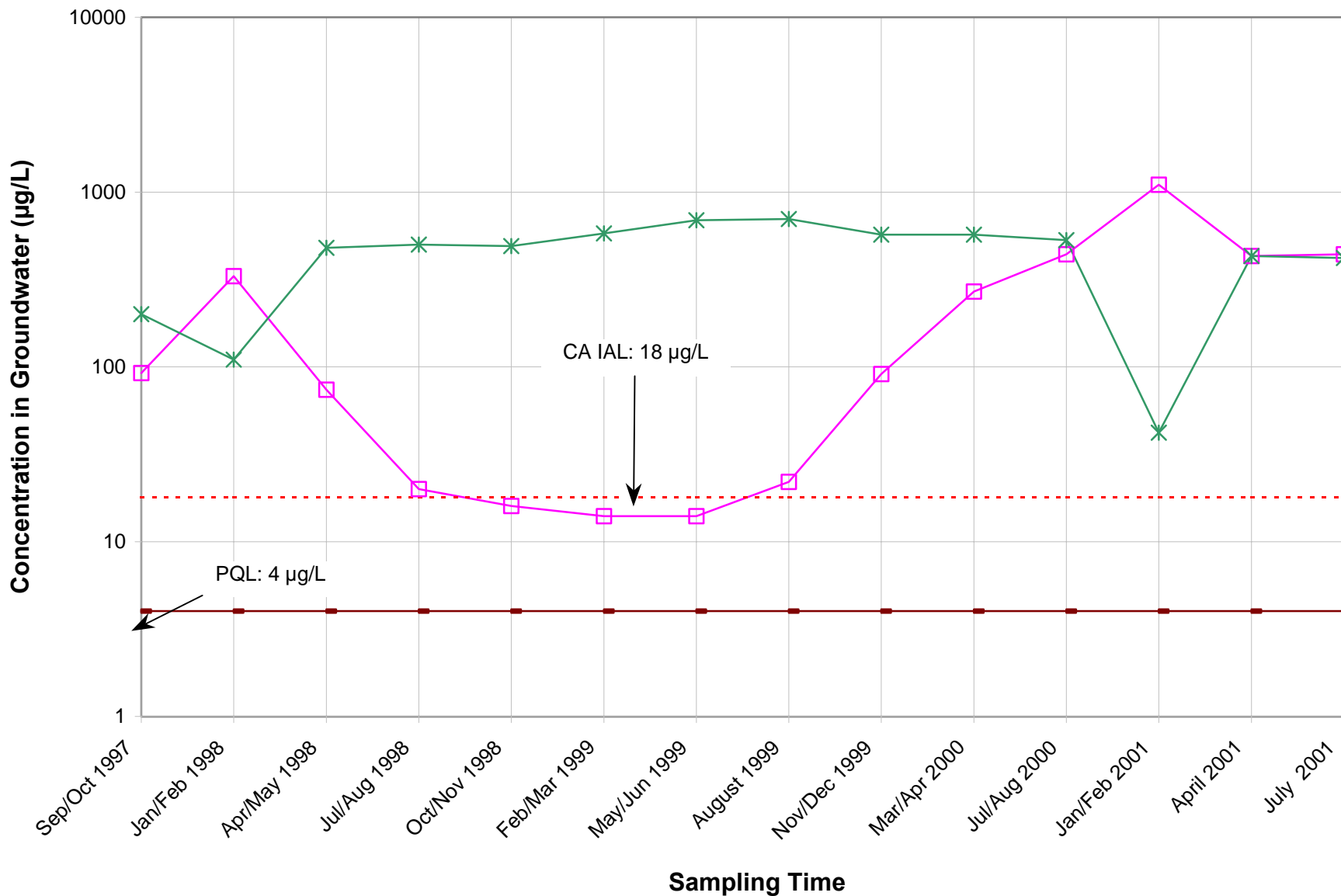
FIGURE 3-53

TRICHLOROETHENE DETECTED AT MW-24
 FROM AUG/SEP 1996 TO JULY 2001

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.

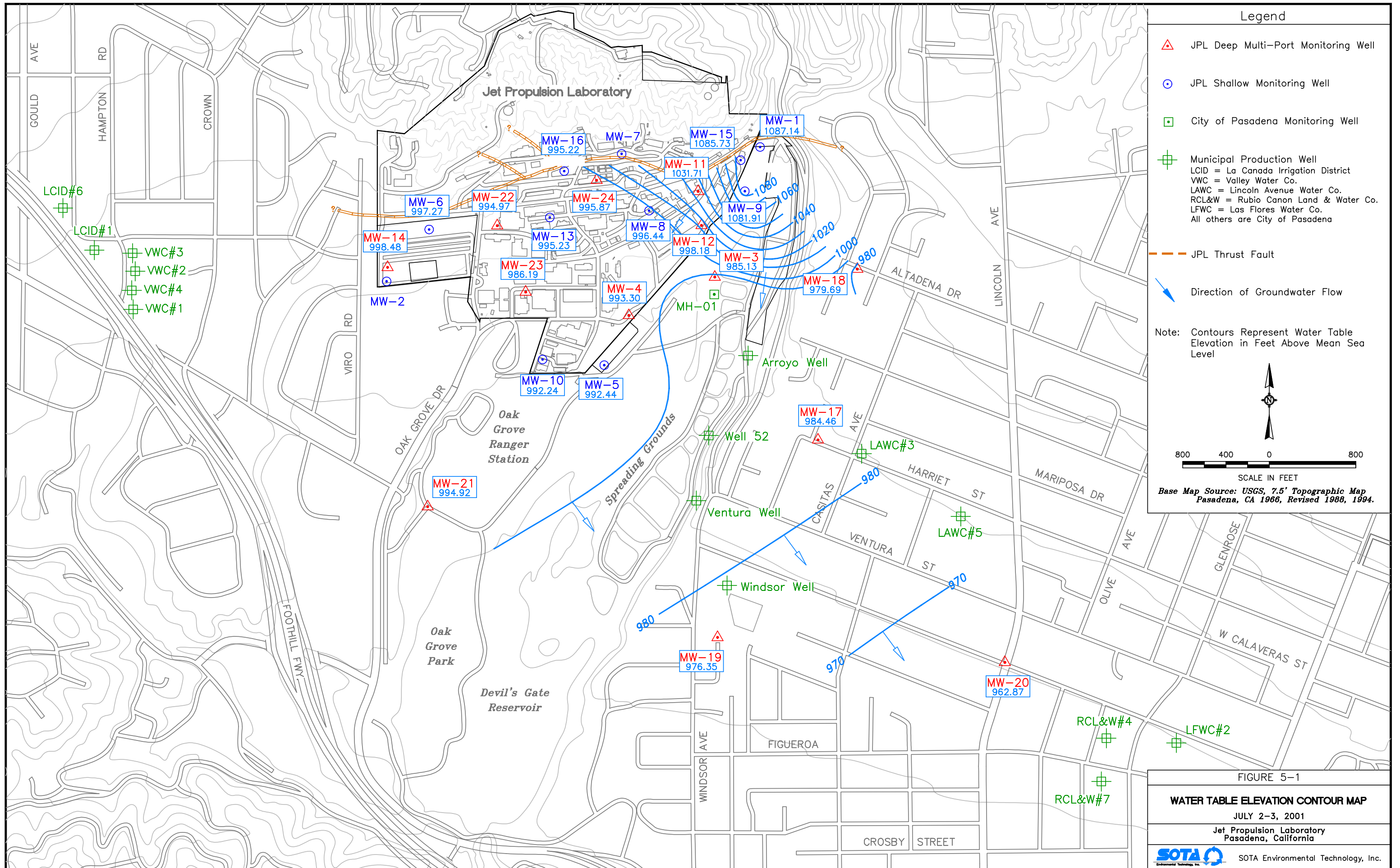


Legend

- Screen 1
- *— Screen 2
- PQL
- · · · CA IAL

Only concentrations above PQL are plotted. Screen 3 concentrations were below PQL. Screens 4 and 5 were not sampled in July 2001. Values in (Y) axis are represented in Logarithmic scale. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-54
PERCHLORATE DETECTED AT MW-24 FROM AUG/SEP 1996 TO JULY 2001
Jet Propulsion Laboratory Pasadena California
SOTA Environmental Technoloav. Inc.



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.
 LAW = Lincoln Avenue Water Co.
 RCL&W = Rubio Canon Land & Water Co.
 LFWC = Las Flores Water Co.
 All others are City of Pasadena
- JPL Thrust Fault
- Direction of Groundwater Flow

Note: Contours Represent Water Table Elevation in Feet Above Mean Sea Level



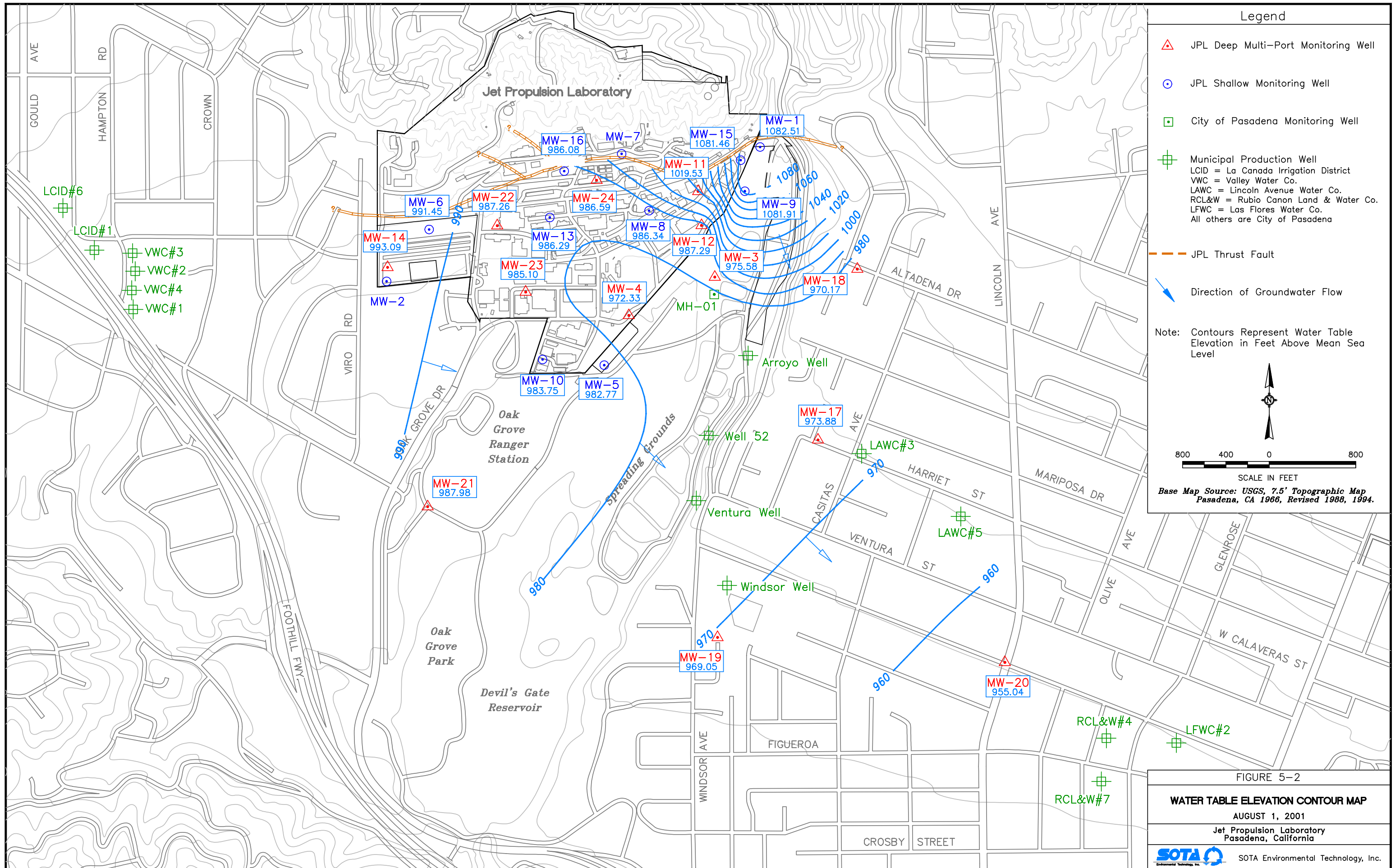

 800 400 0 800
 SCALE IN FEET
 Base Map Source: USGS, 7.5' Topographic Map
 Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 5-1

WATER TABLE ELEVATION CONTOUR MAP
 JULY 2-3, 2001
 Jet Propulsion Laboratory
 Pasadena, California

 SOTA Environmental Technology, Inc.



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.
 LAW = Lincoln Avenue Water Co.
 RCL&W = Rubio Canon Land & Water Co.
 LFWC = Las Flores Water Co.
 All others are City of Pasadena
- JPL Thrust Fault
- Direction of Groundwater Flow

Note: Contours Represent Water Table Elevation in Feet Above Mean Sea Level



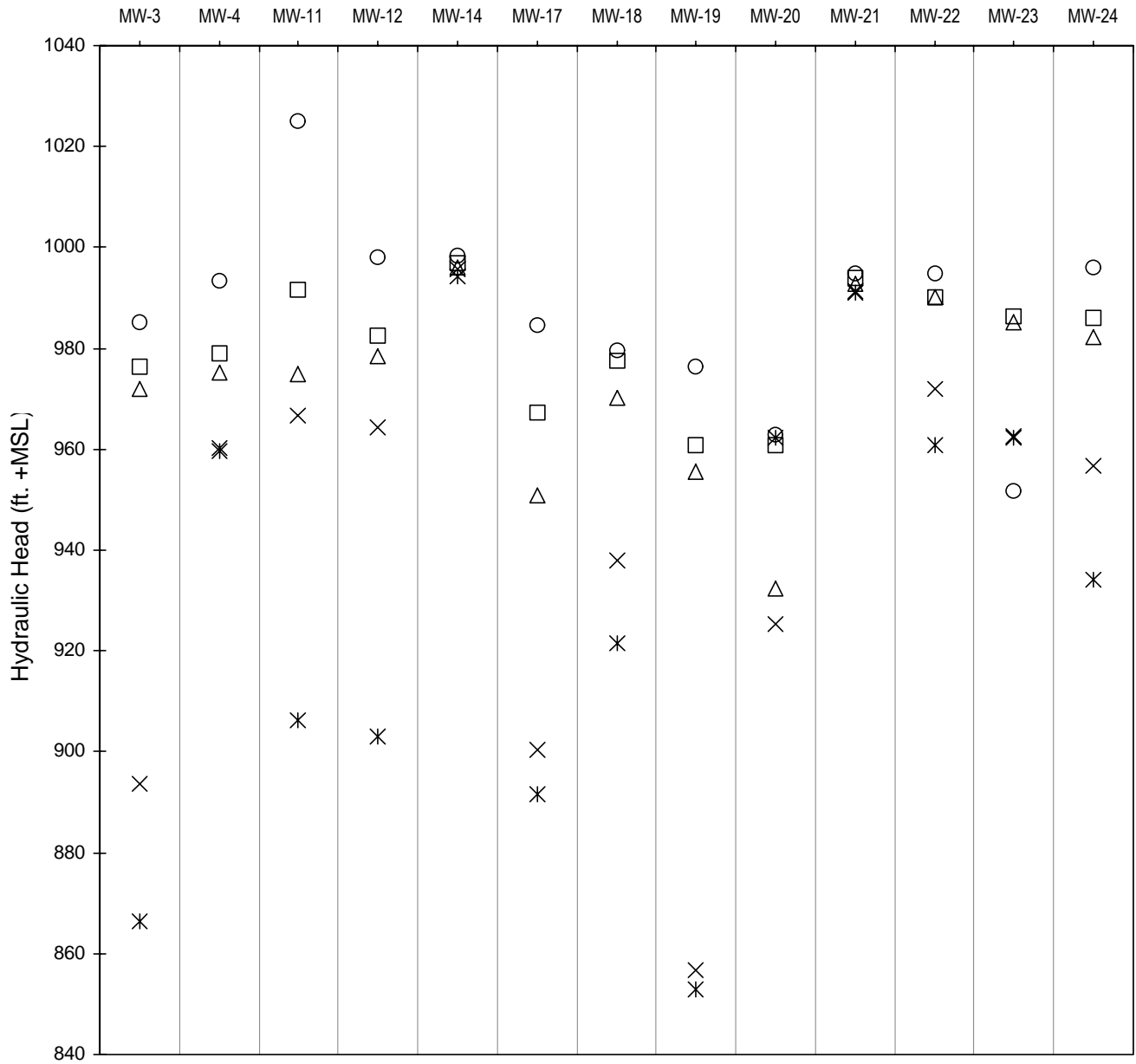

 800 400 0 800
 SCALE IN FEET
 Base Map Source: USGS, 7.5' Topographic Map
 Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 5-2

WATER TABLE ELEVATION CONTOUR MAP
 AUGUST 1, 2001
 Jet Propulsion Laboratory
 Pasadena, California

 SOTA Environmental Technology, Inc.

Monitoring Well

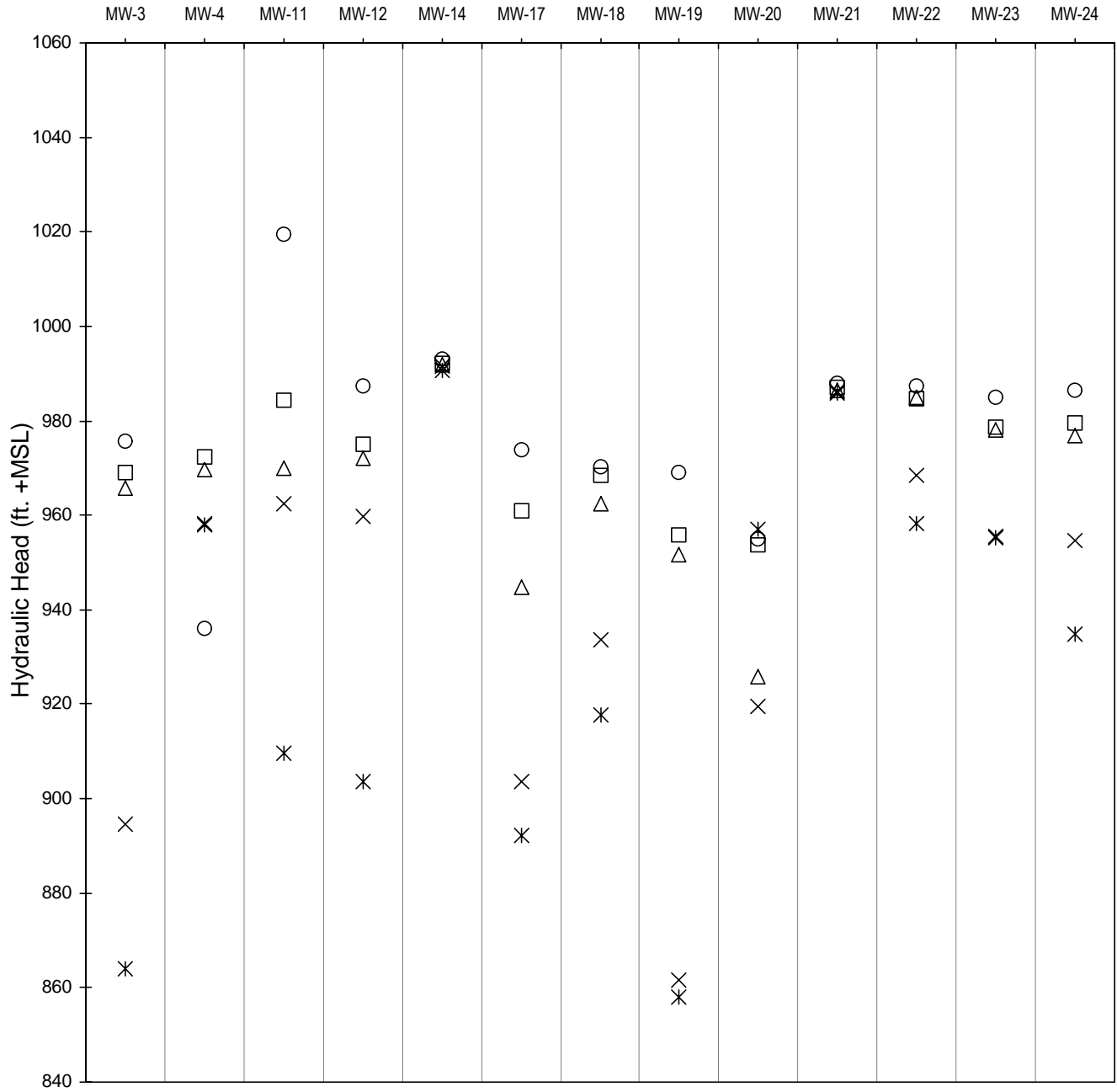


- Screen 1
- Screen 2
- △ Screen 3
- × Screen 4
- * Screen 5

FIGURE 5-3
**HYDRAULIC HEAD ELEVATIONS
 FROM DEEP (MP) WELLS**
 JULY 3, 2001
 Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc.

Monitoring Well



- Screen 1
- Screen 2
- △ Screen 3
- × Screen 4
- * Screen 5

FIGURE 5-4
**HYDRAULIC HEAD ELEVATIONS
 FROM DEEP (MP) WELLS**
 AUGUST 1, 2001
 Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc.