

Legend

—△— Screen 3 —△— PQL - - - CA MCL

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

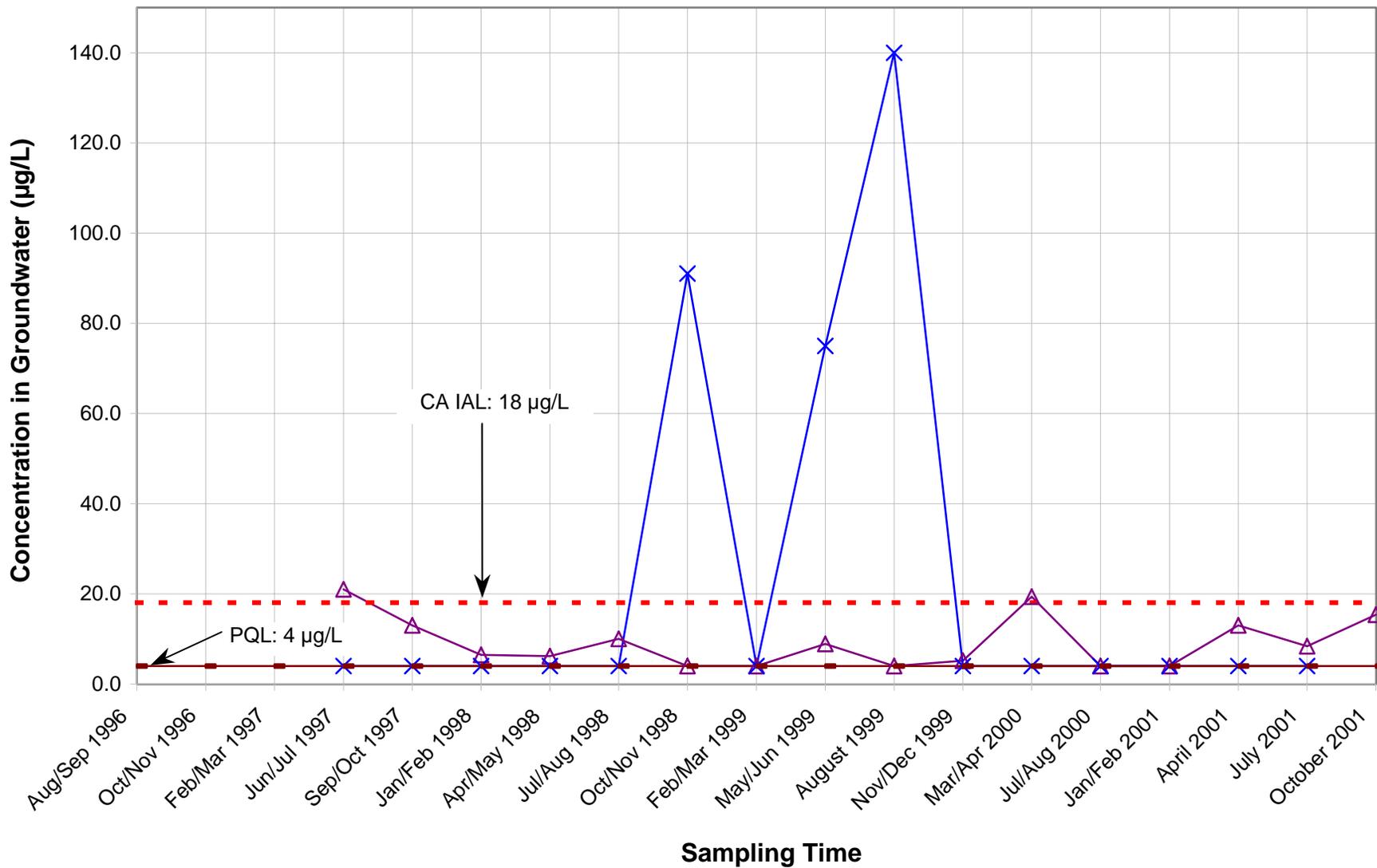
FIGURE 3-13

CARBON TETRACHLORIDE DETECTED AT MW-3 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.

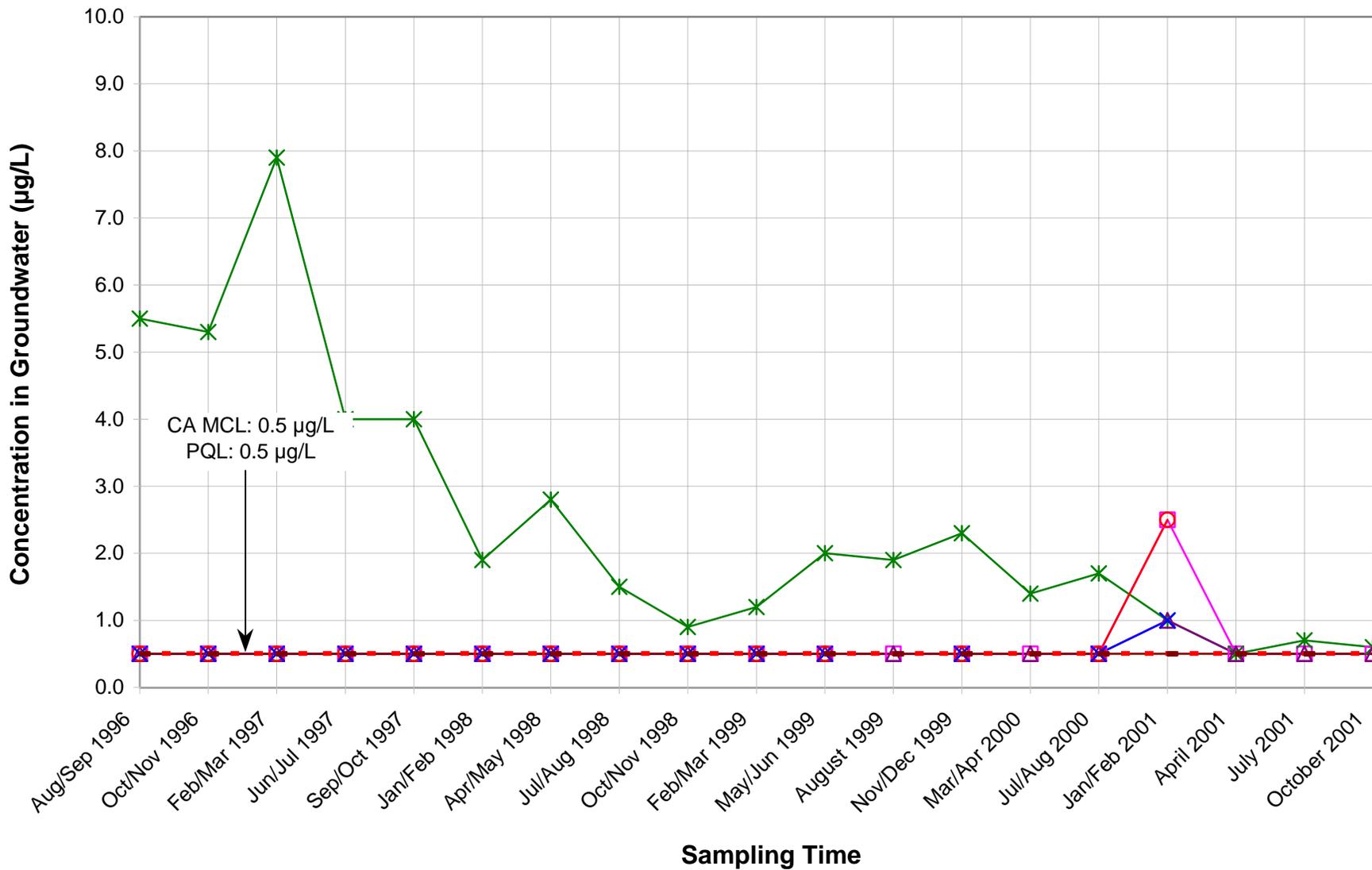


Legend

- △— Screen 3
- ×— Screen 5
- PQL
- - - CA IAL

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

FIGURE 3-14	
PERCHLORATE DETECTED AT MW-3 FROM AUG/SEP 1996 TO OCTOBER 2001	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.



Legend

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

Only concentrations above PQL are plotted. Screens 1, 2, 4, and 5 concentrations at Jan/Feb 2001 were below PQL (2.5 µg/L). Screens 4 and 5 were not sampled in October 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

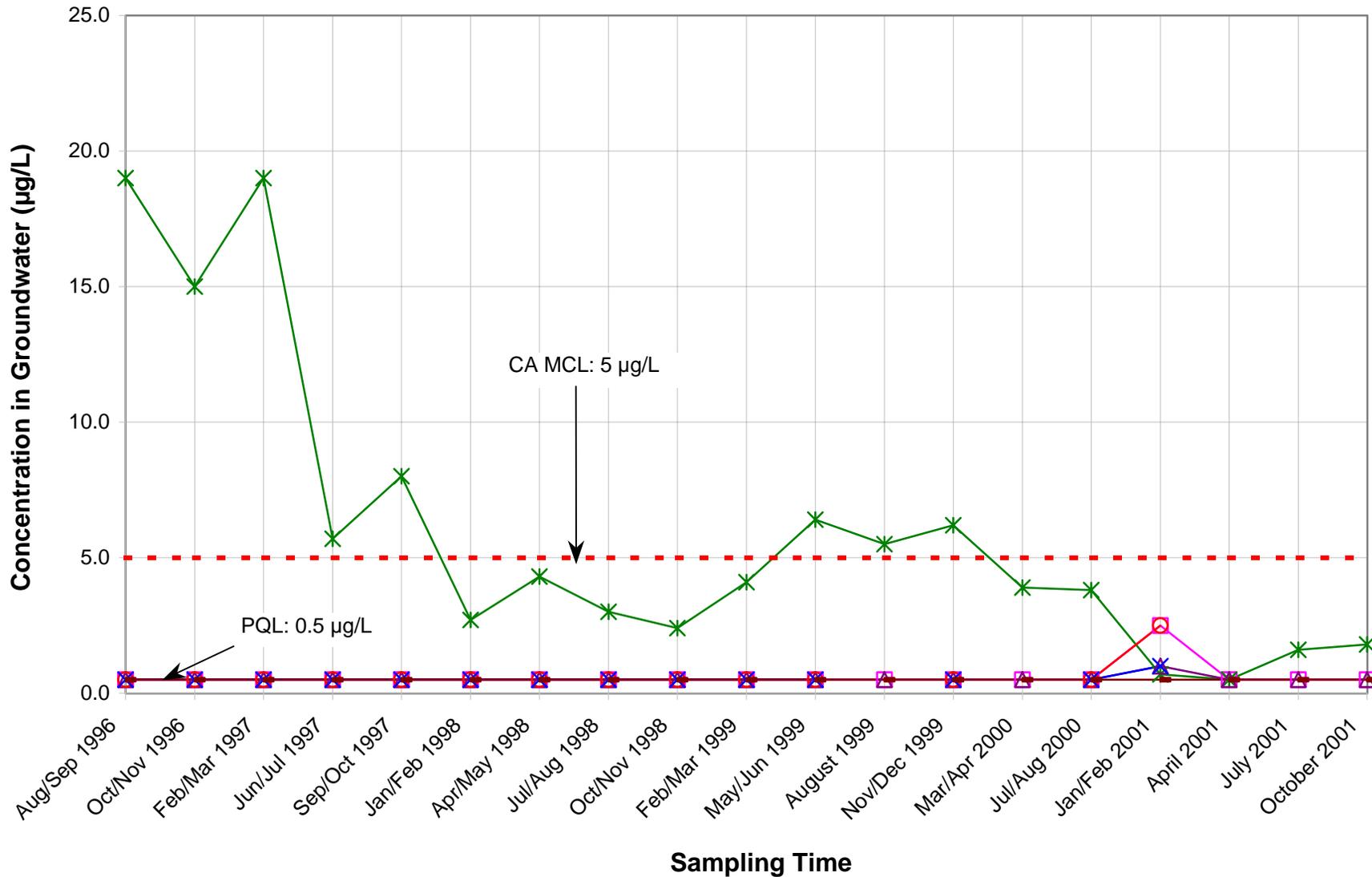
FIGURE 3-15

CARBON TETRACHLORIDE DETECTED AT MW-4 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.



Legend

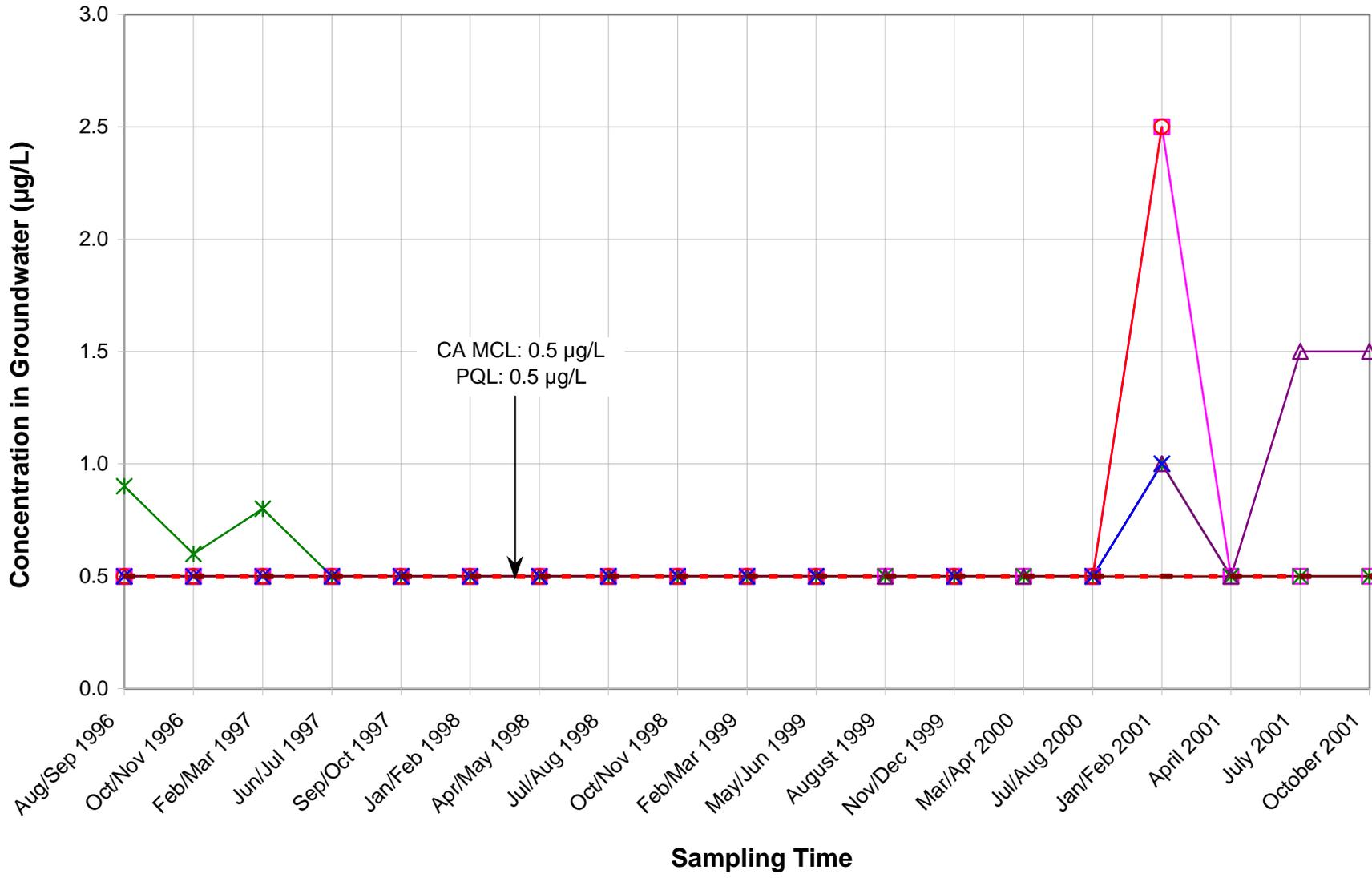
- Screen 1
- ✱ Screen 2
- △ Screen 3
- Screen 4
- ✱ Screen 5
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. Screens 1, 2, 3, 4, and 5 concentrations at Jan/Feb 2001 were below PQL (2.5 µg/L). Screens 4 and 5 were not sampled in October 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-16
TRICHLOROETHENE DETECTED AT MW-4
FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc.

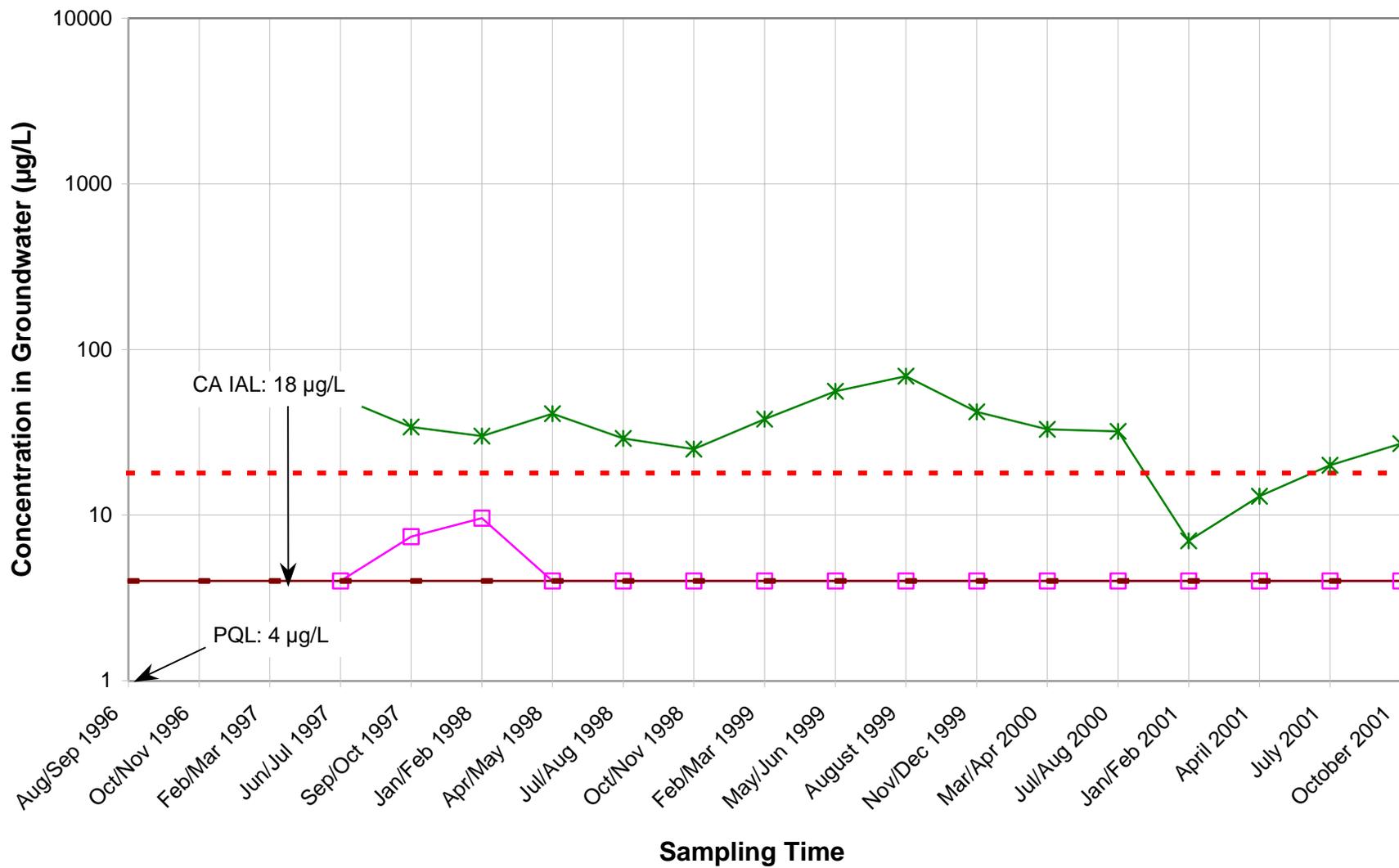


Legend

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

Only concentrations above PQL are plotted. Screens 1, 2, 3, 4, and 5 concentrations at Jan/Feb 2001 were below PQL (2.5 µg/L). Screens 4 and 5 were not sampled in October 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-17	
1, 2-DCA DETECTED AT MW-4 FROM AUG/SEP 1996 TO OCTOBER 2001	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.



Legend

—□— Screen 1
 —*— Screen 2
 —■— PQL
 - - - CA IAL

Only concentrations above PQL are plotted. Screens 3, 4, and 5 concentrations were below PQL.

Screens 4 and 5 were not sampled in October 2001.

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

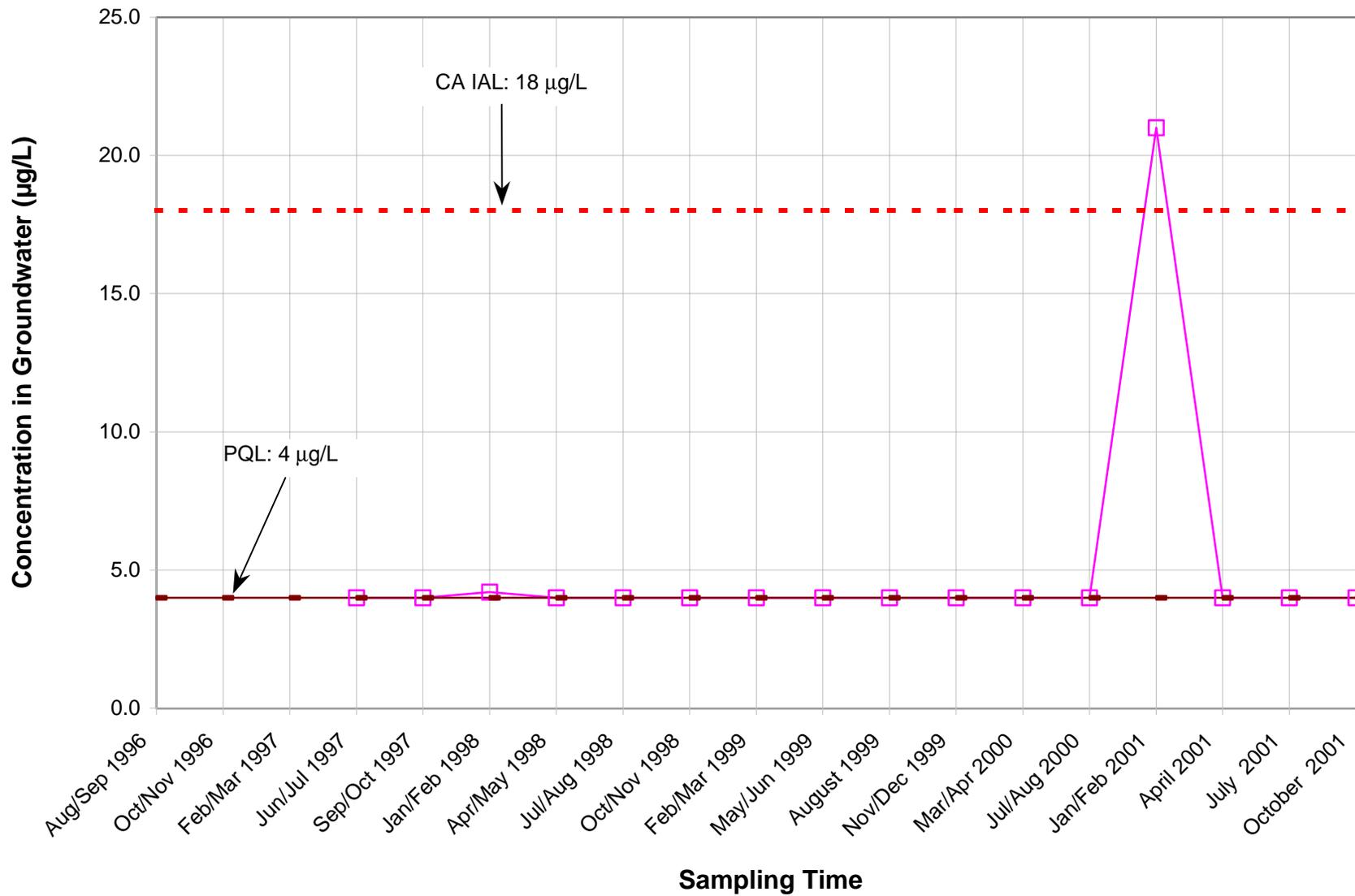
FIGURE 3-18

PERCHLORATE DETECTED AT MW-4
FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.



Legend

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

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

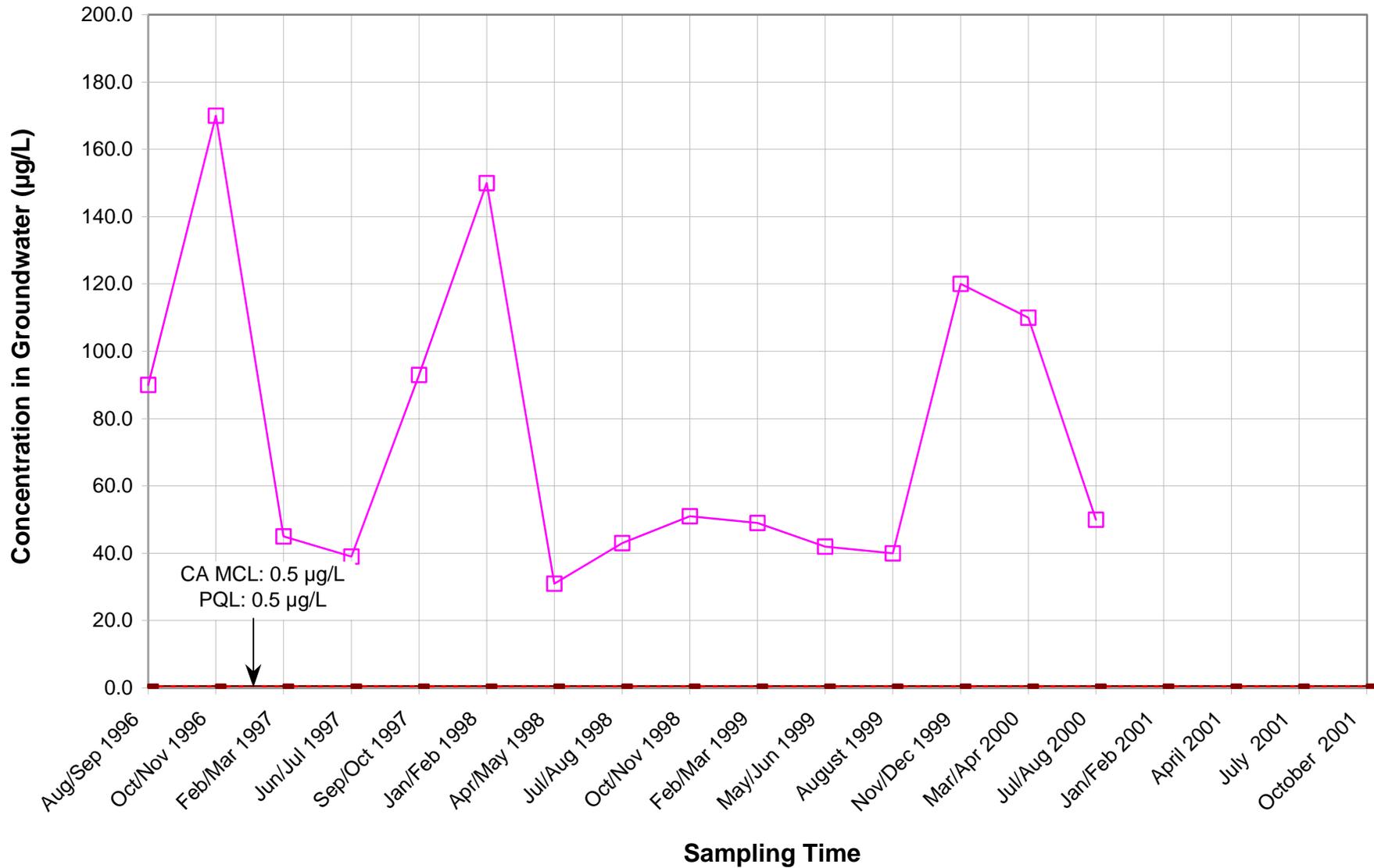
FIGURE 3-19

PERCHLORATE DETECTED AT MW-5
 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.



Legend

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

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

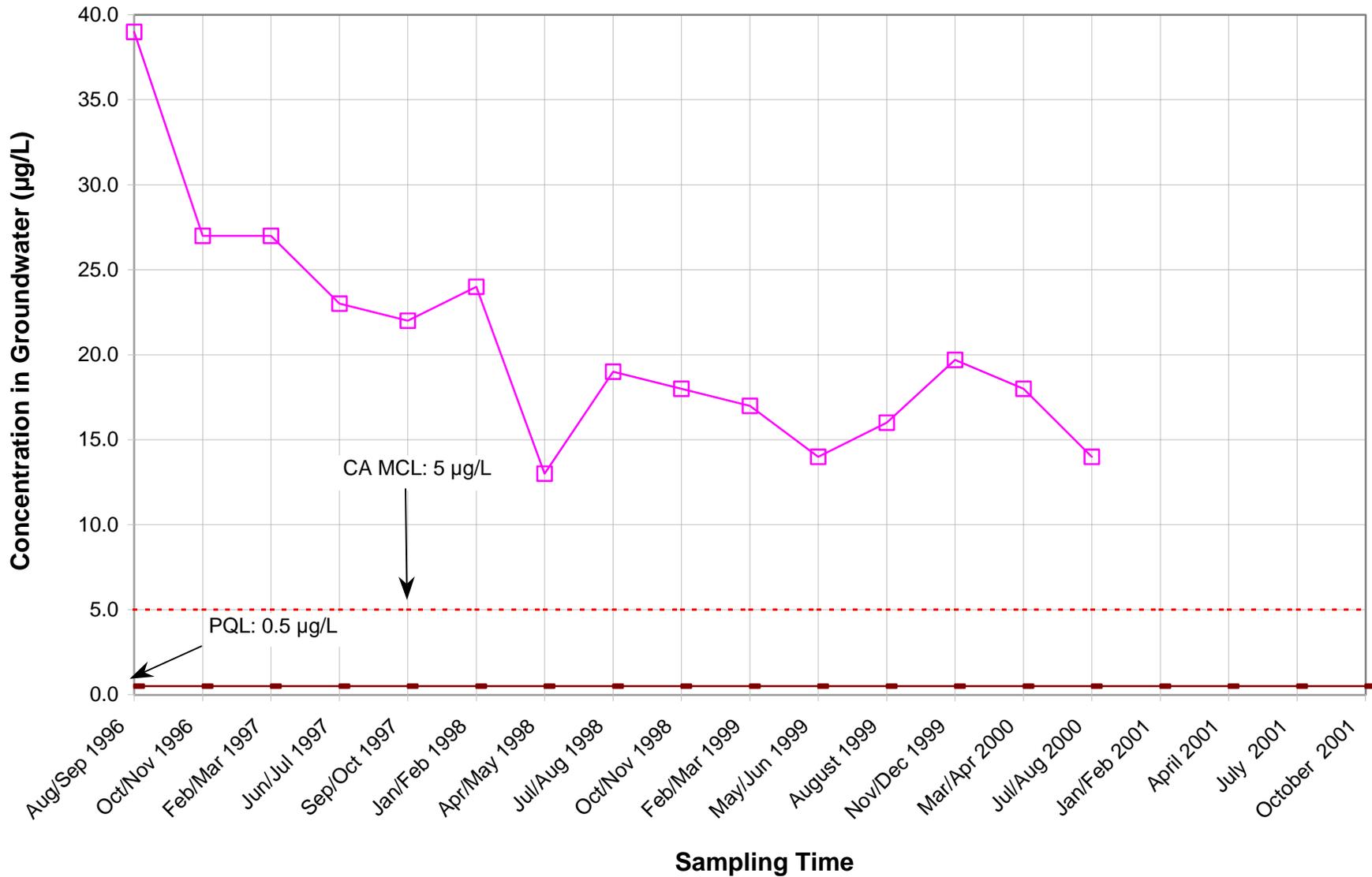
FIGURE 3-20

CARBON TETRACHLORIDE DETECTED AT MW-7 FROM AUG/SEP 1996 TO JUL/AUG 2000

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.



Legend

- Shallow Well
- PQL
- - - CA MCL

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

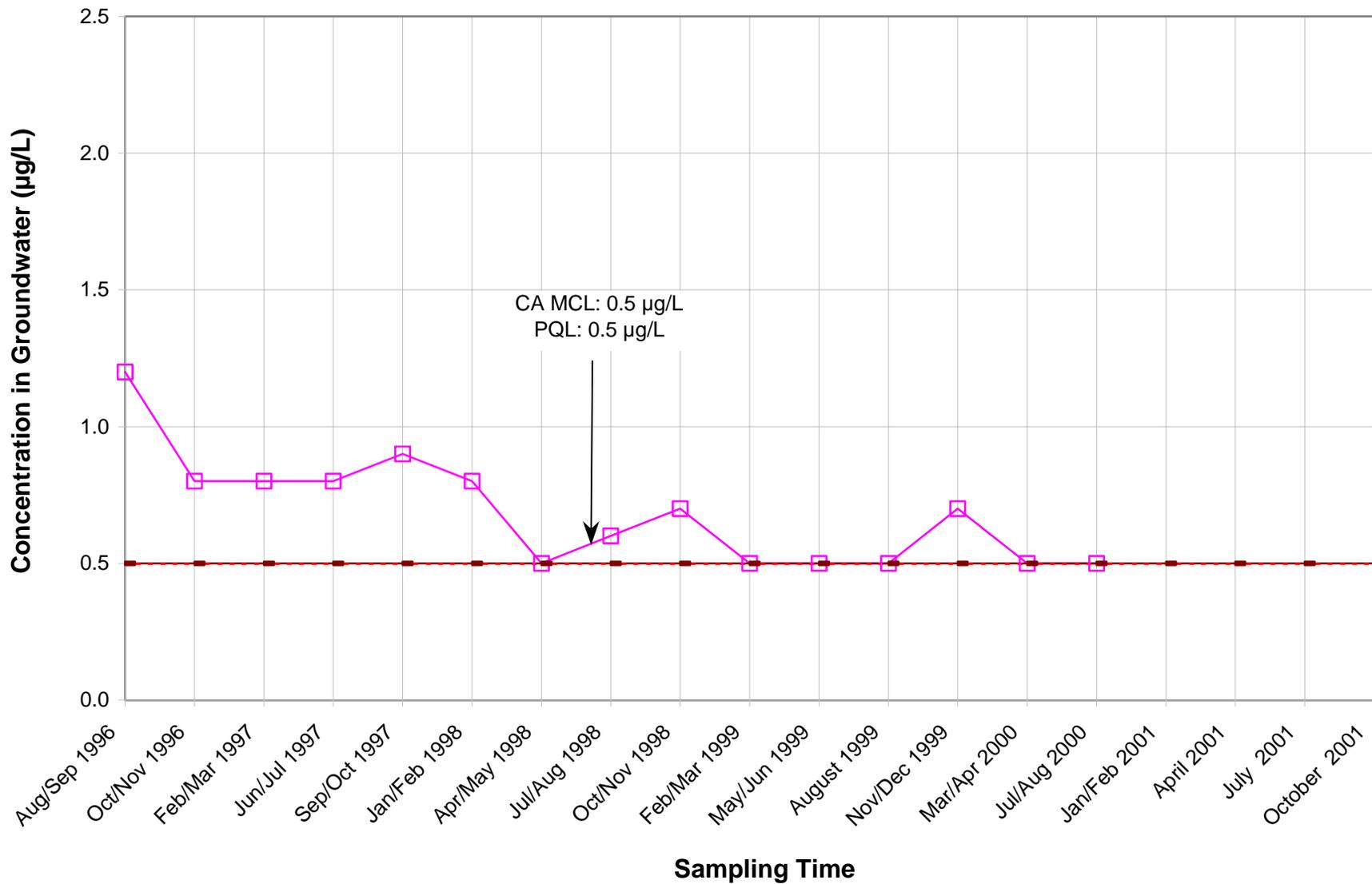
FIGURE 3-21

TRICHLOROETHENE DETECTED AT MW-7
FROM AUG/SEP 1996 TO JUL/AUG 2000

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.



Legend

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

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data). Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

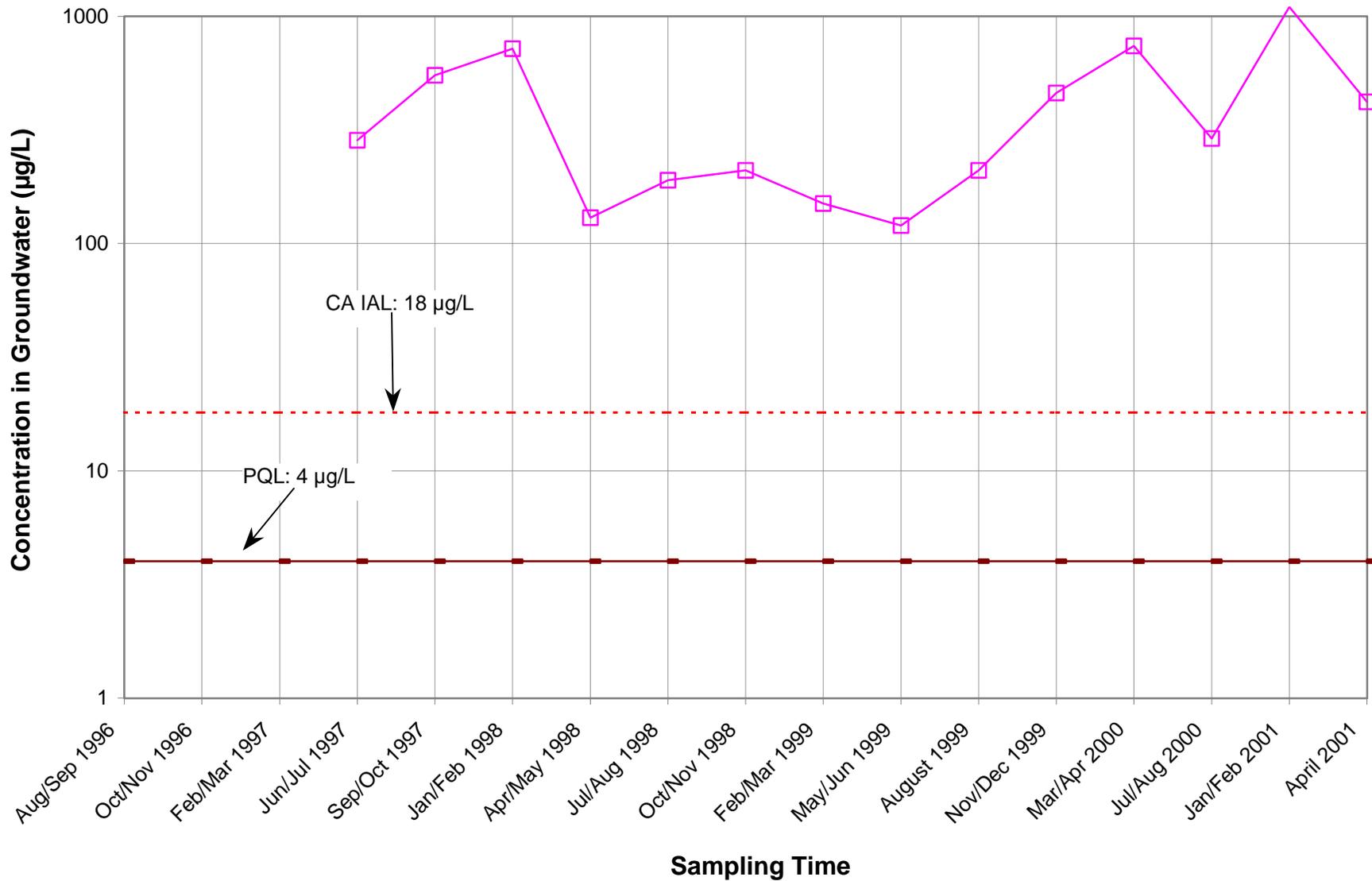
FIGURE 3-22

1, 2-DCA DETECTED AT MW-7
FROM AUG/SEP 1996 TO JUL/AUG 2000

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.



Legend

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

Only concentrations above PQL are plotted. No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Results for MW-7 obtained from US Filter Pilot Test Report).

Values in (Y) axis are represented in Logarithmic scale.

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

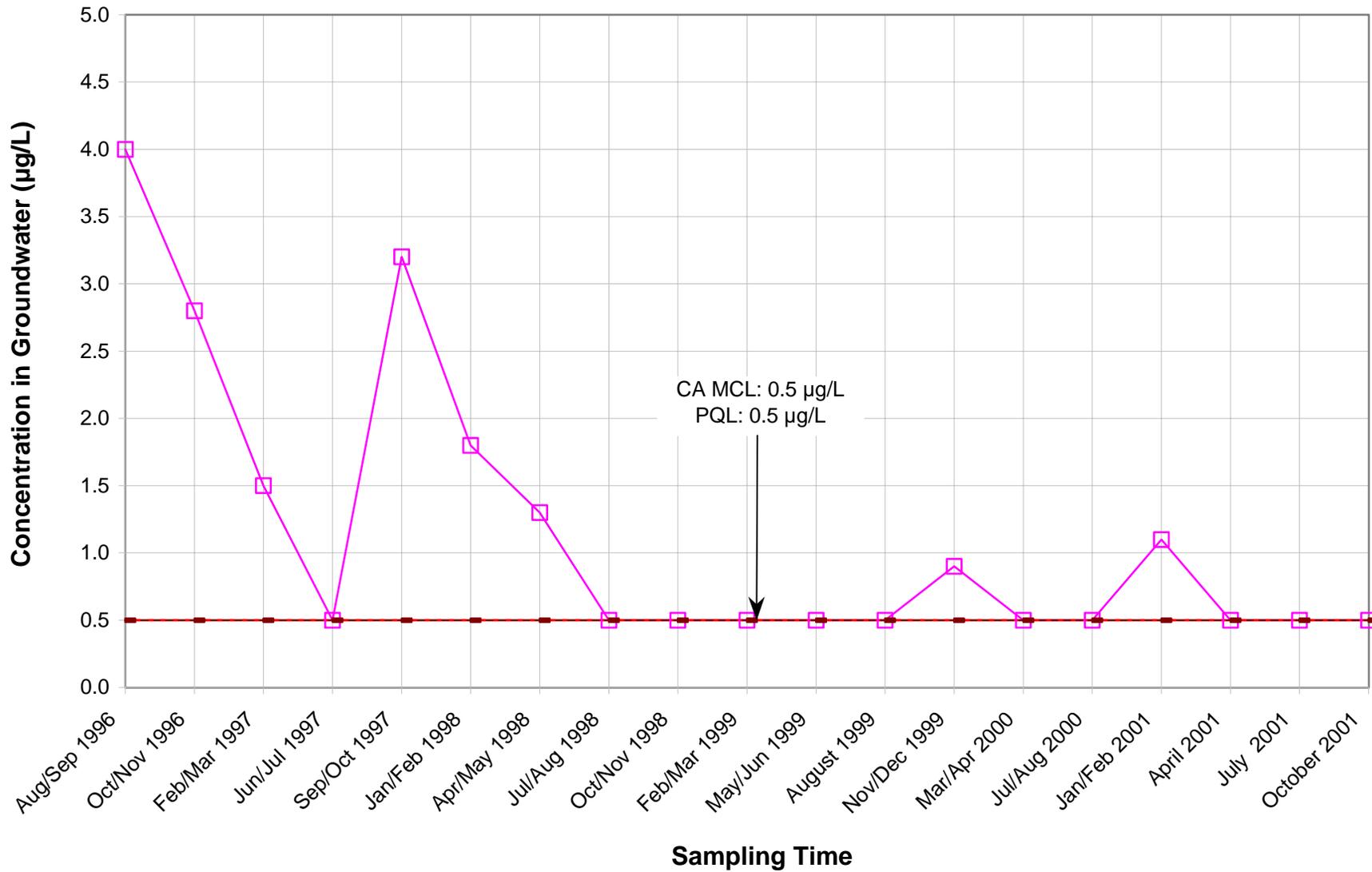
FIGURE 3-23

PERCHLORATE DETECTED AT MW-7
FROM AUG/SEP 1996 TO APRIL 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.

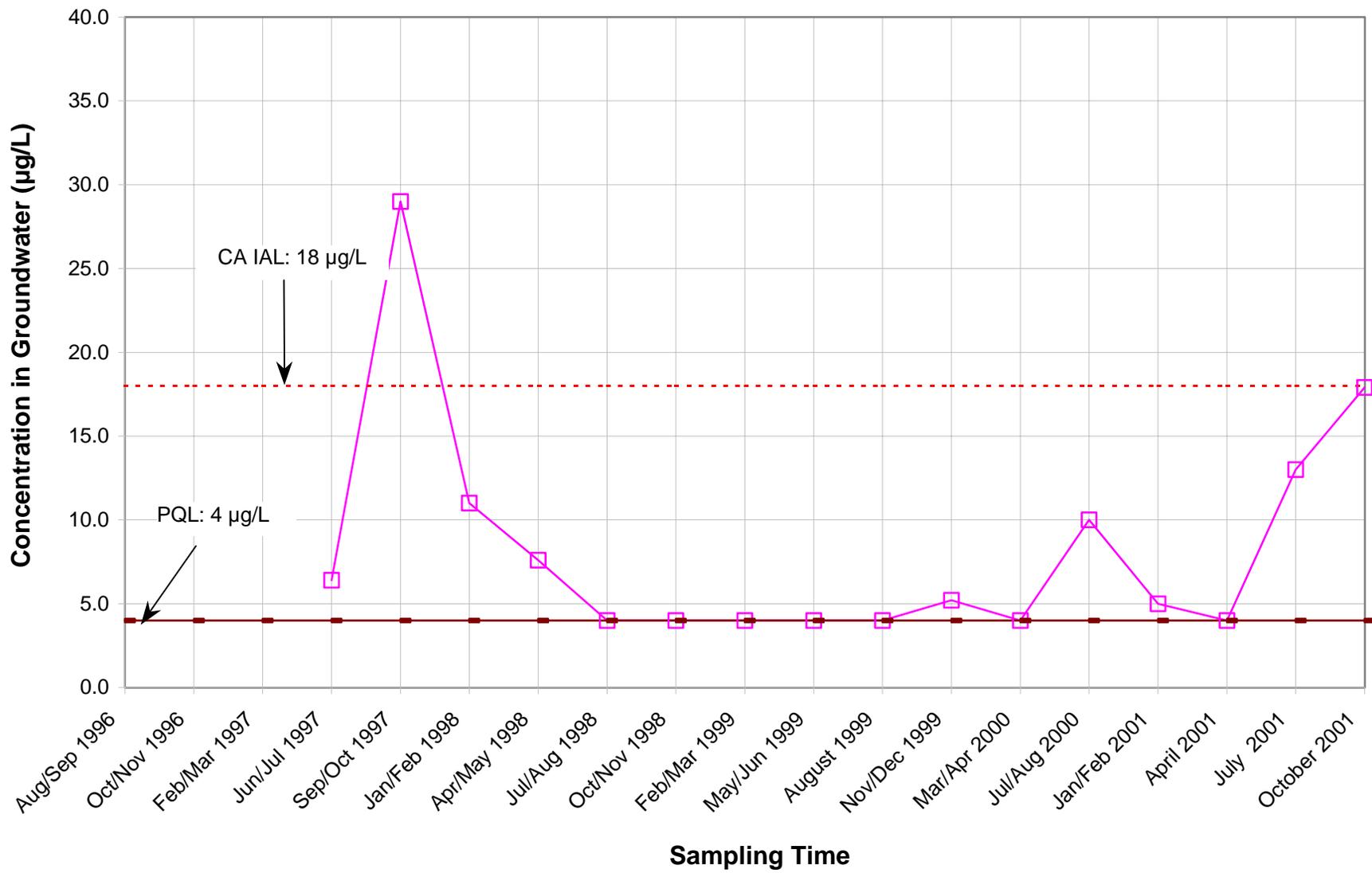
FIGURE 3-24

CARBON TETRACHLORIDE DETECTED AT MW-8
 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.



Legend

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

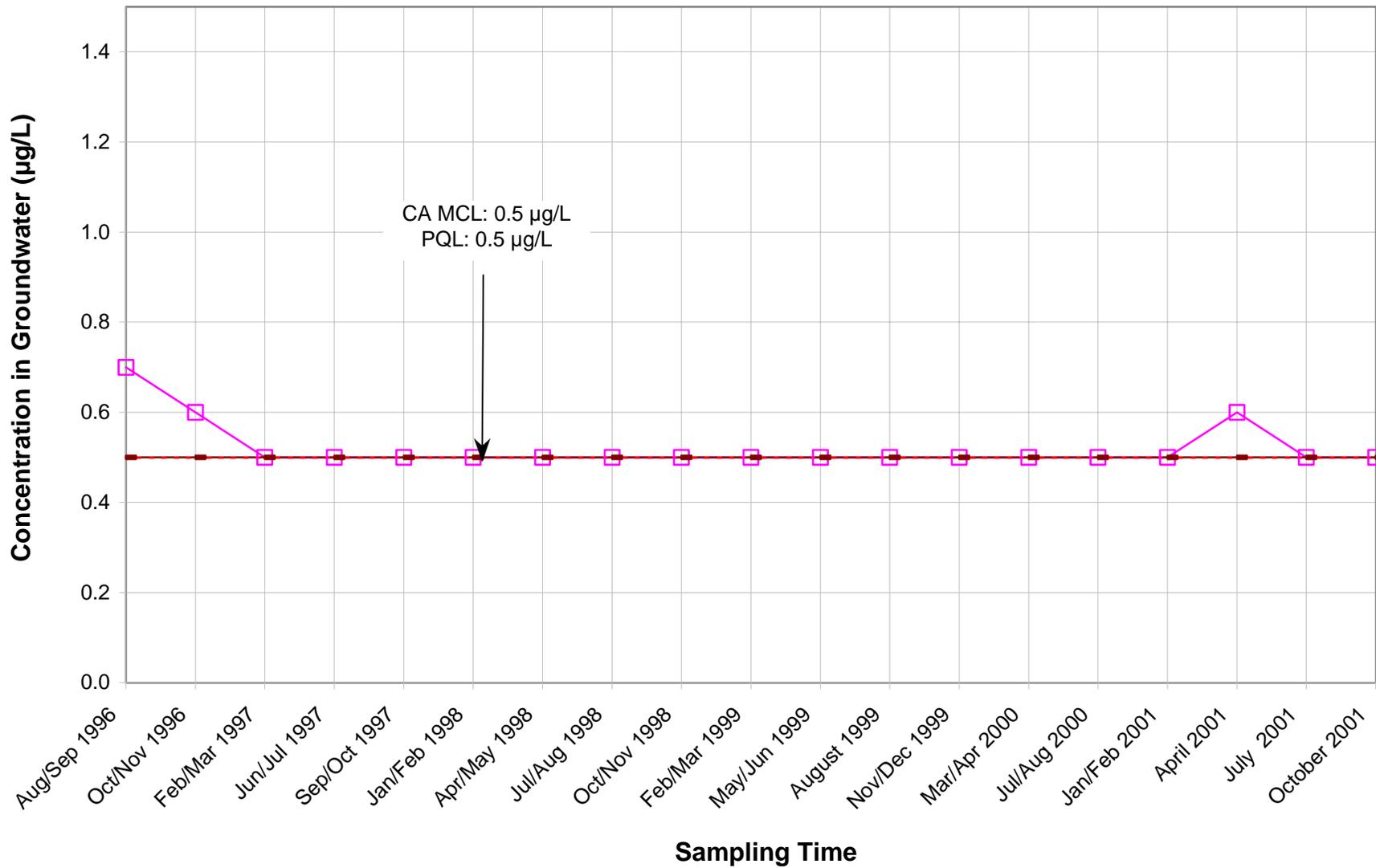
Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-25

**PERCHLORATE DETECTED AT MW-8
 FROM AUG/SEP 1996 TO OCTOBER 2001**

Jet Propulsion Laboratory
 Pasadena, California


 SOTA Environmental Technology, Inc.

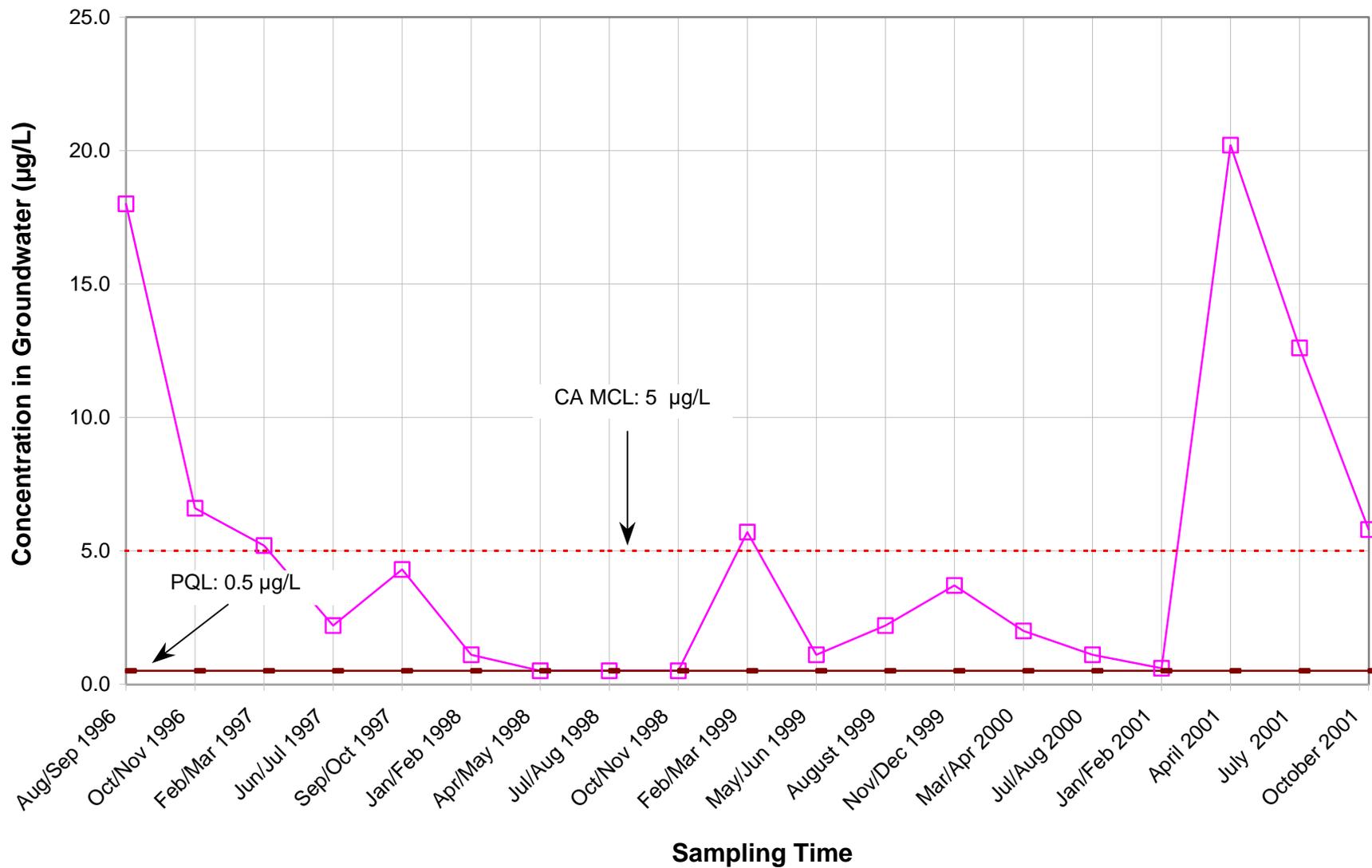


Legend

—□— Shallow Well —●— PQL - - - CA MCL

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

FIGURE 3-26
CARBON TETRACHLORIDE DETECTED AT MW-10 FROM AUG/SEP 1996 TO OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
 SOTA Environmental Technology, Inc.

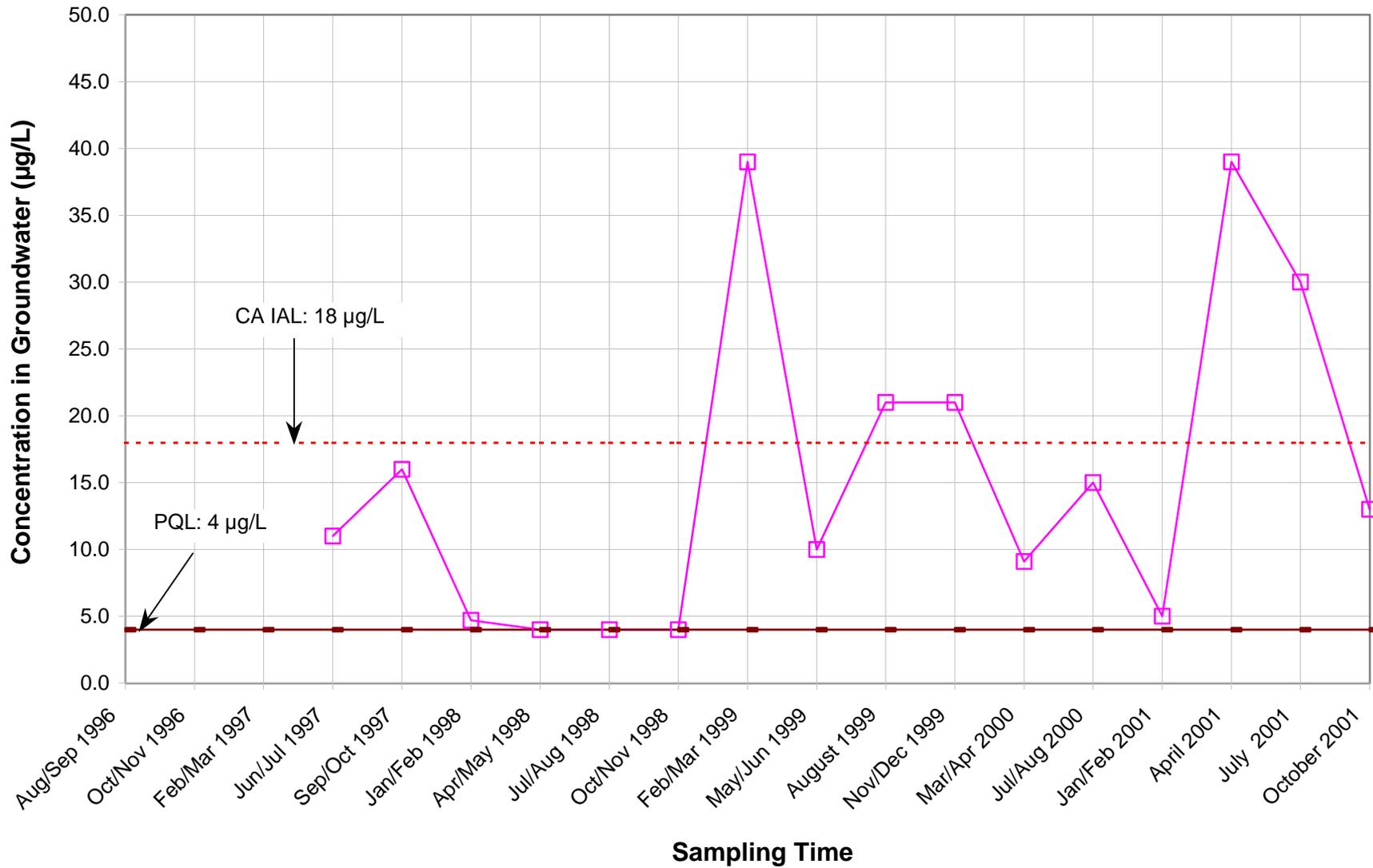


Legend

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

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

FIGURE 3-27	
TRICHLOROETHENE DETECTED AT MW-10 FROM AUG/SEP 1996 TO OCTOBER 2001	
Jet Propulsion Laboratory Pasadena, California	
	SOTA Environmental Technology, Inc.



Legend

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

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

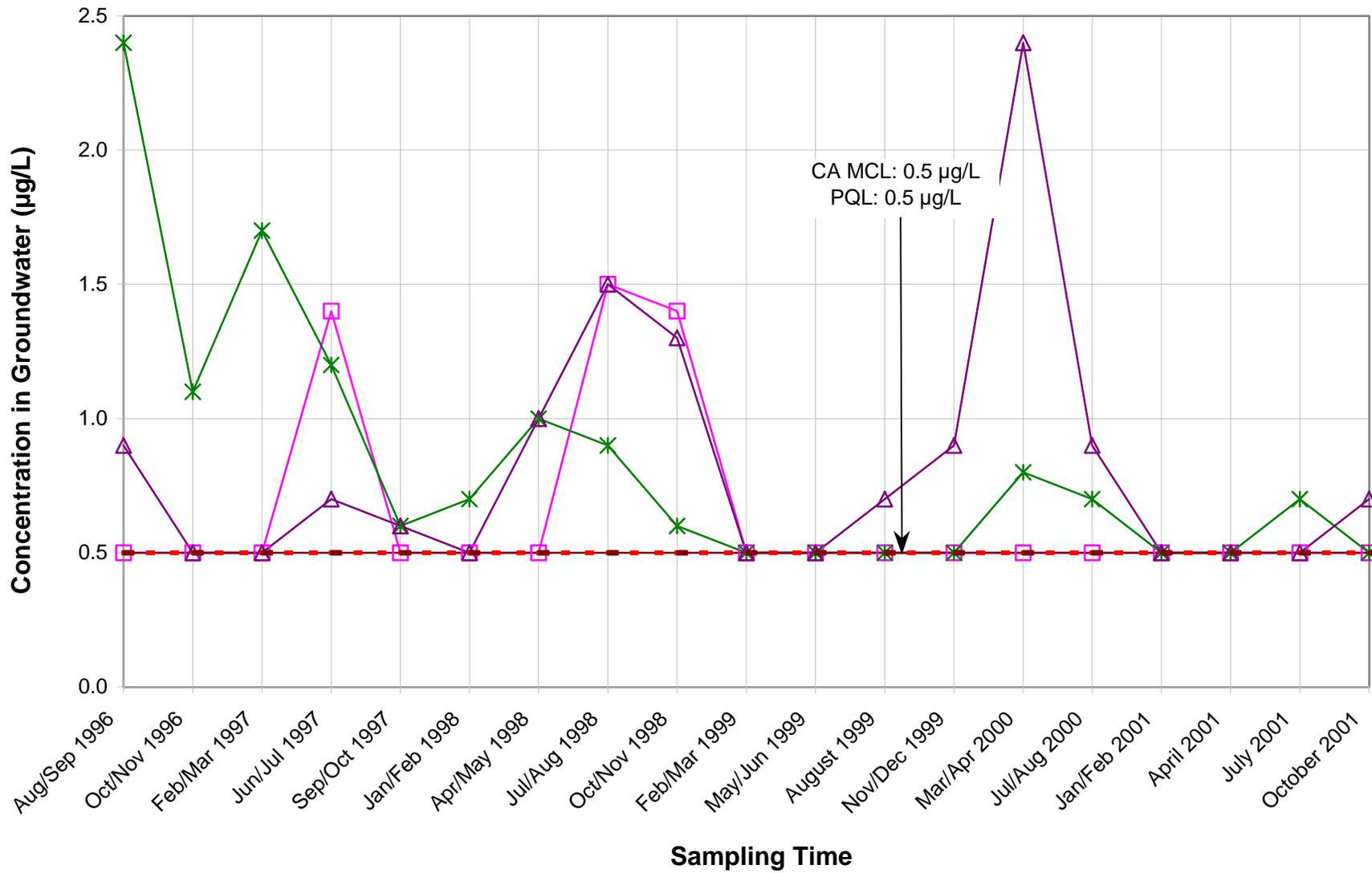
FIGURE 3-28

PERCHLORATE DETECTED AT MW-10
 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.



Legend

—□— Screen 1
 —*— Screen 2
 —△— Screen 3
 —●— PQL
 - - - CA MCL

Only concentrations above PQL are plotted. Screen 4 concentration was below PQL. Screen 5 was not sampled in October 2001.

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

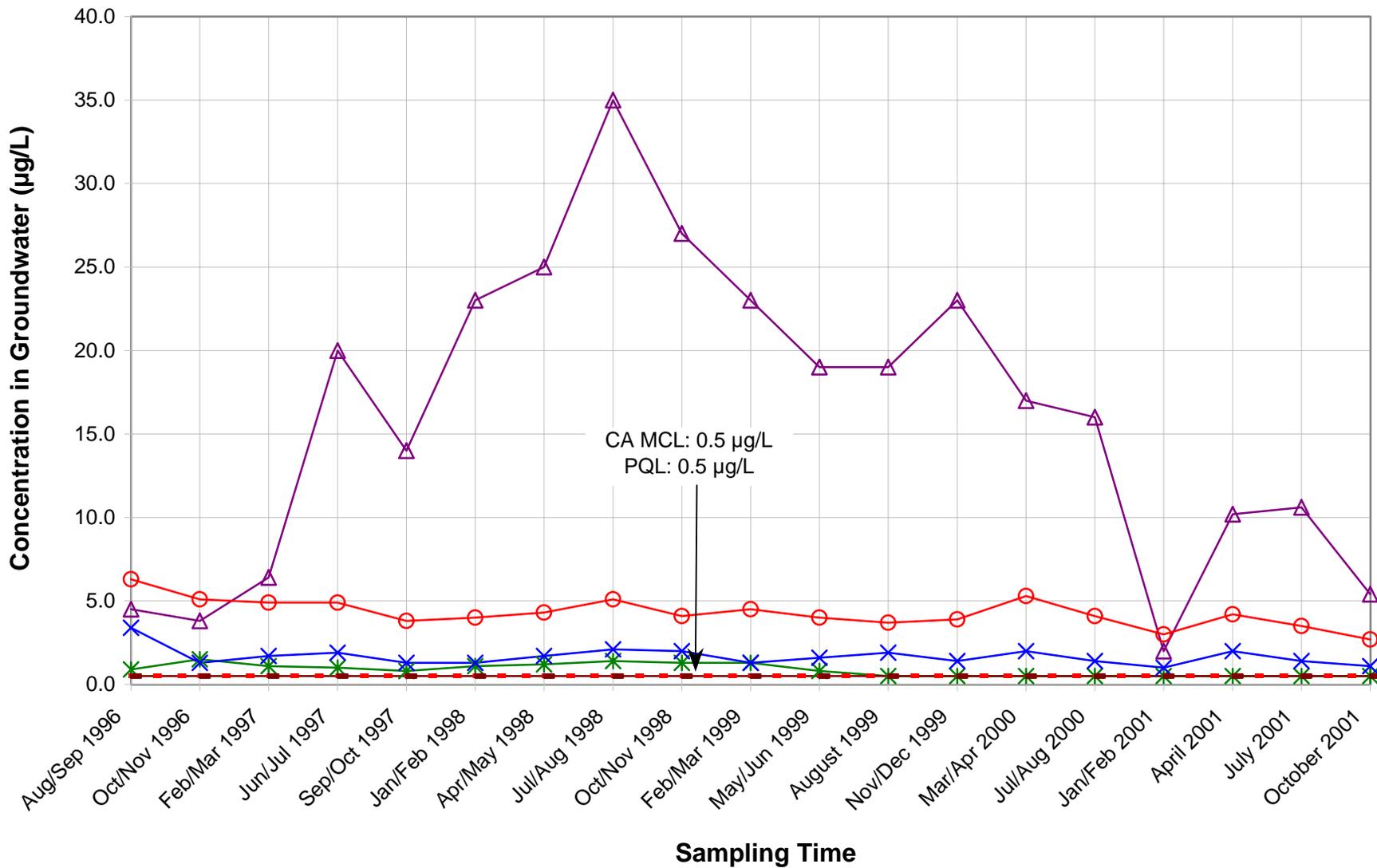
FIGURE 3-29

CARBON TETRACHLORIDE DETECTED AT MW-11
FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.

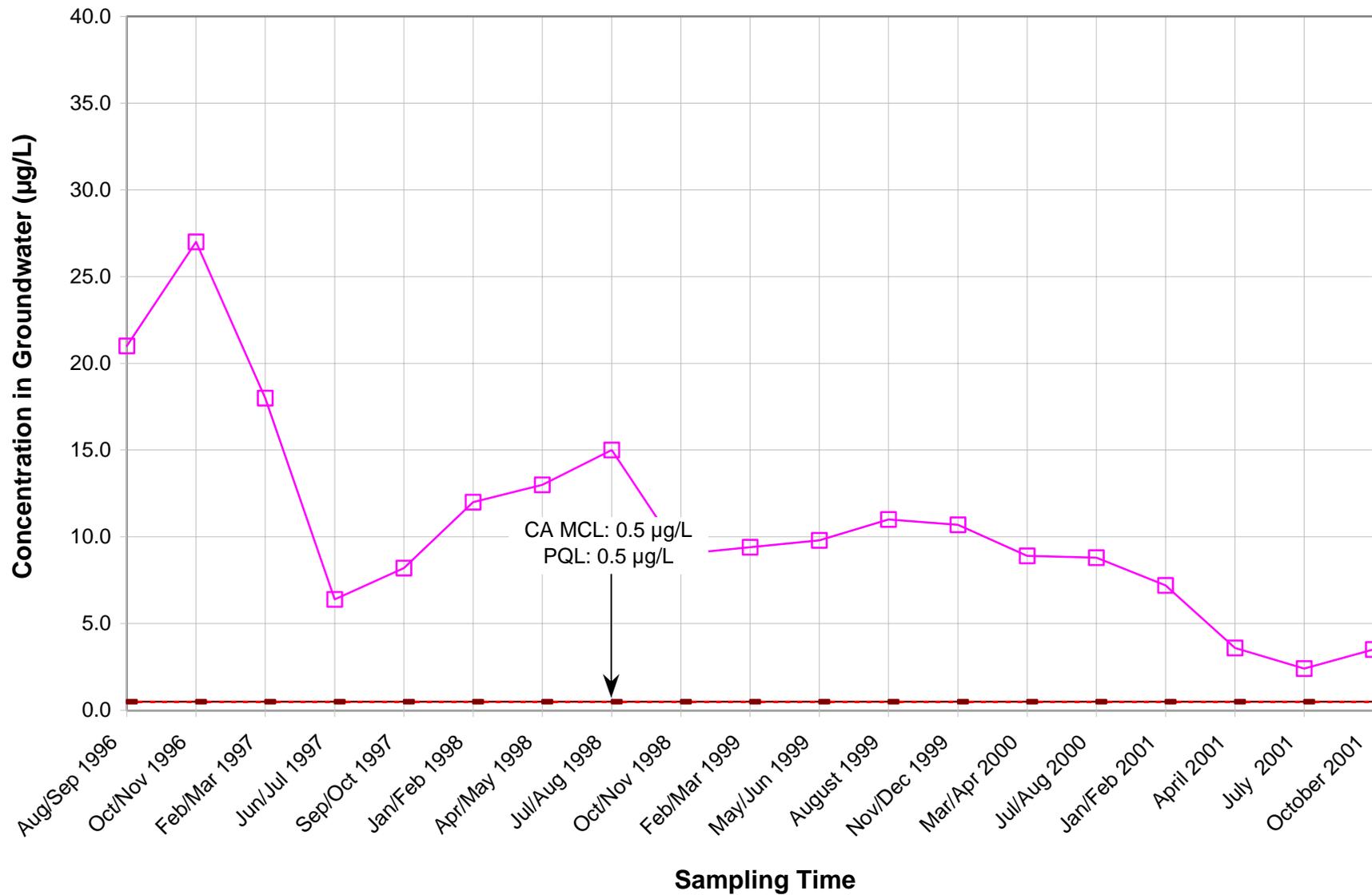


Legend

- ✱ 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

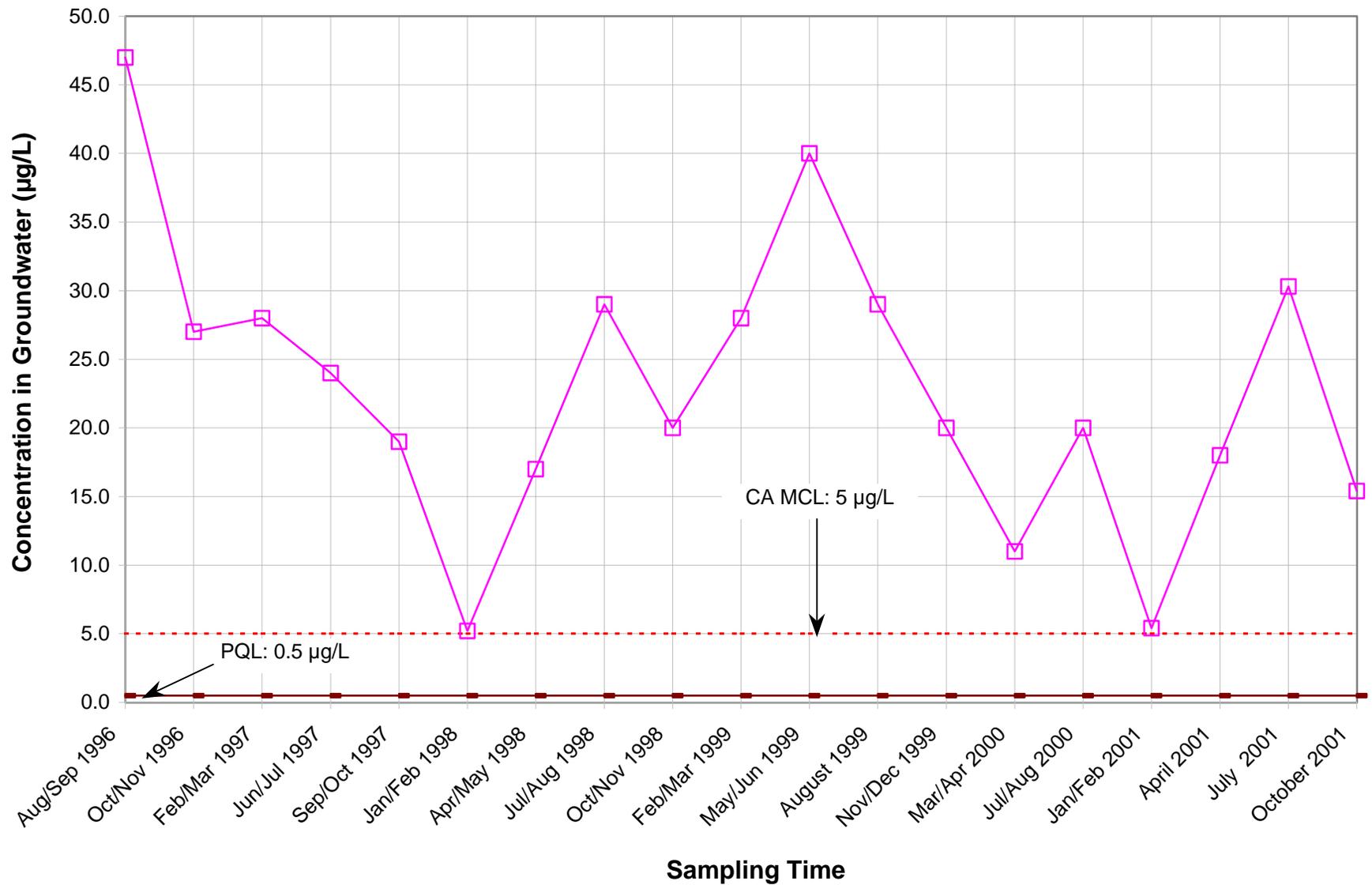


Legend

—□— 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 OCTOBER 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.

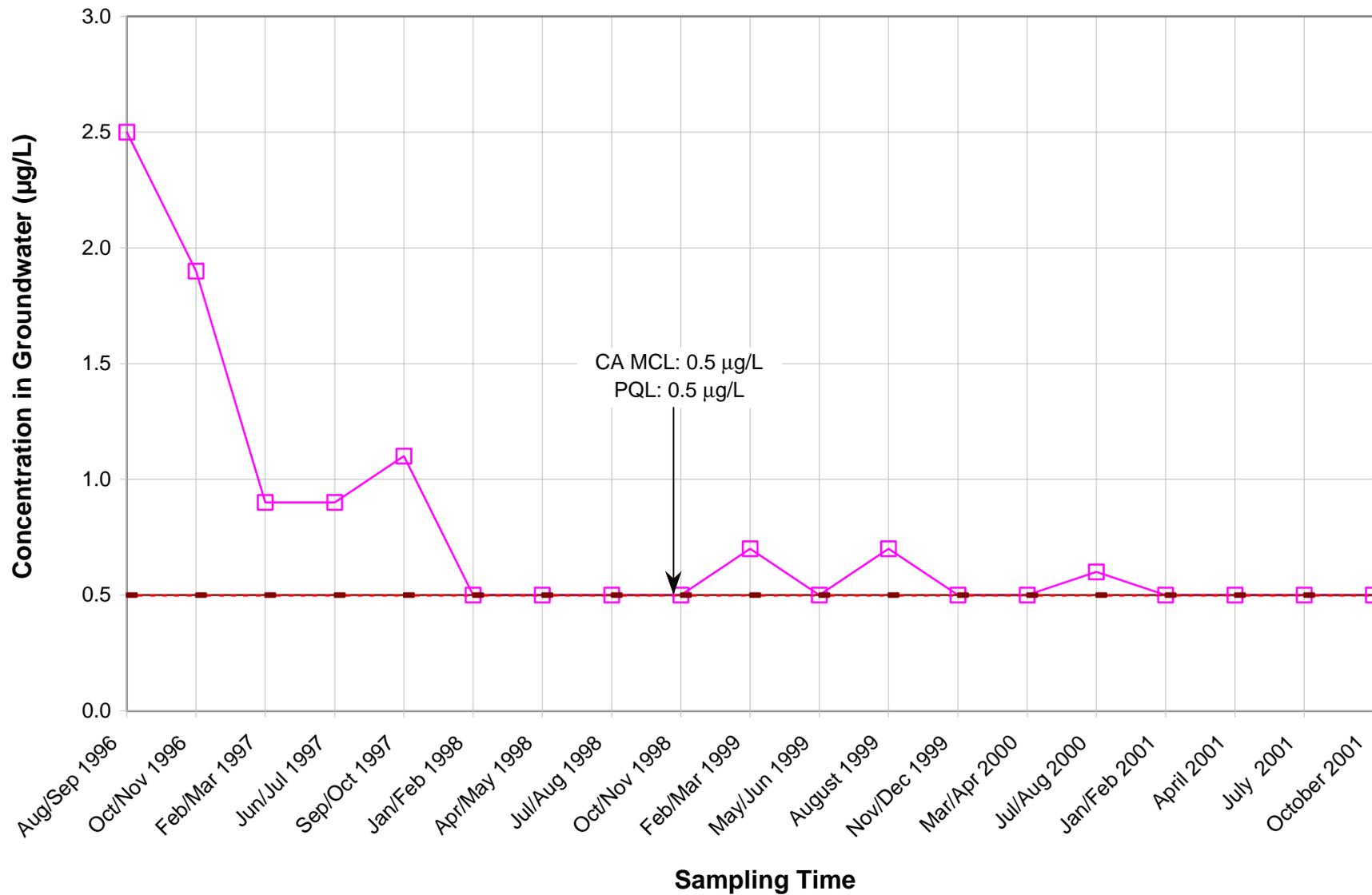
FIGURE 3-32

TRICHLOROETHENE DETECTED AT MW-13
FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.

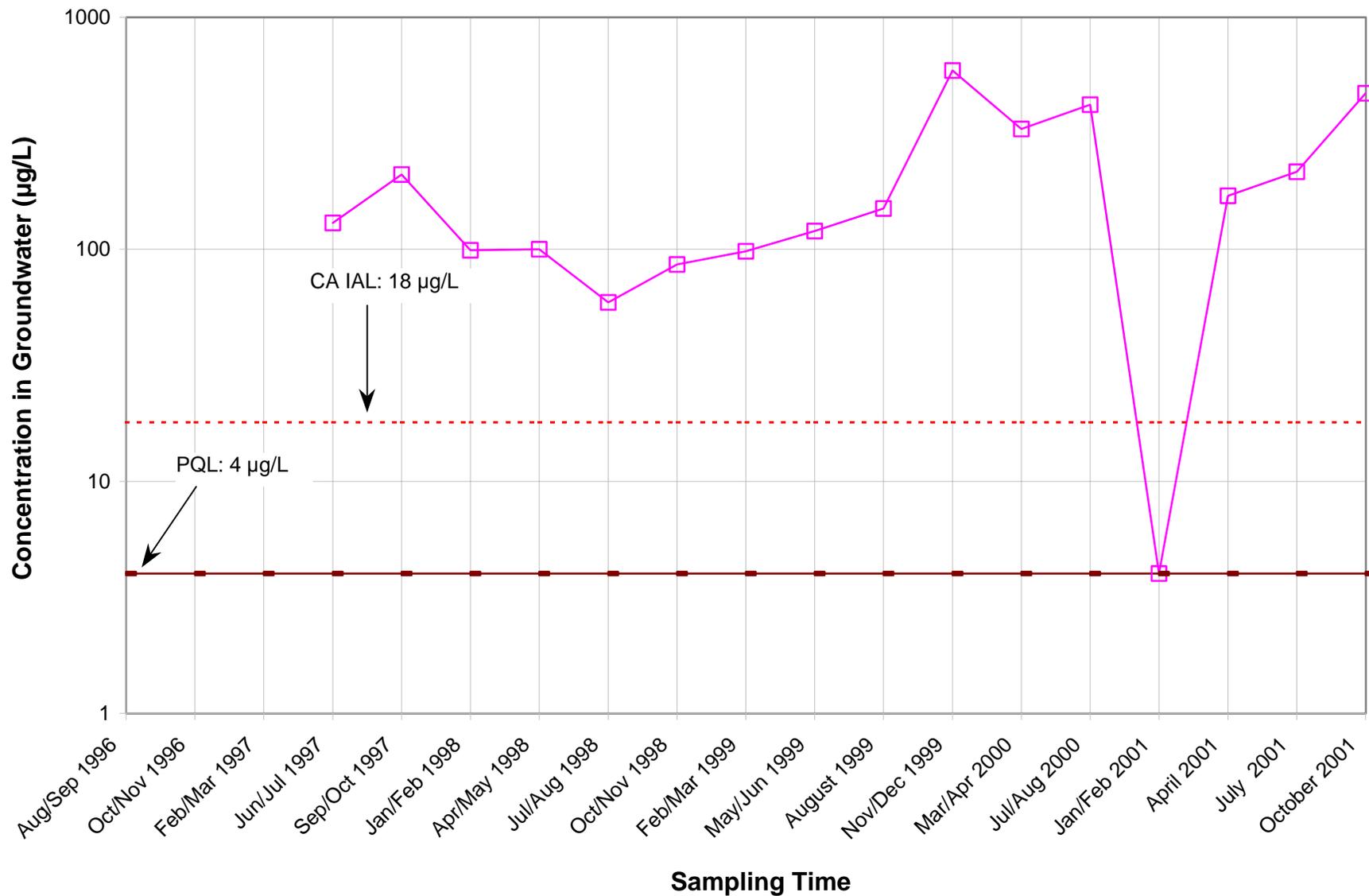


Legend

- 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

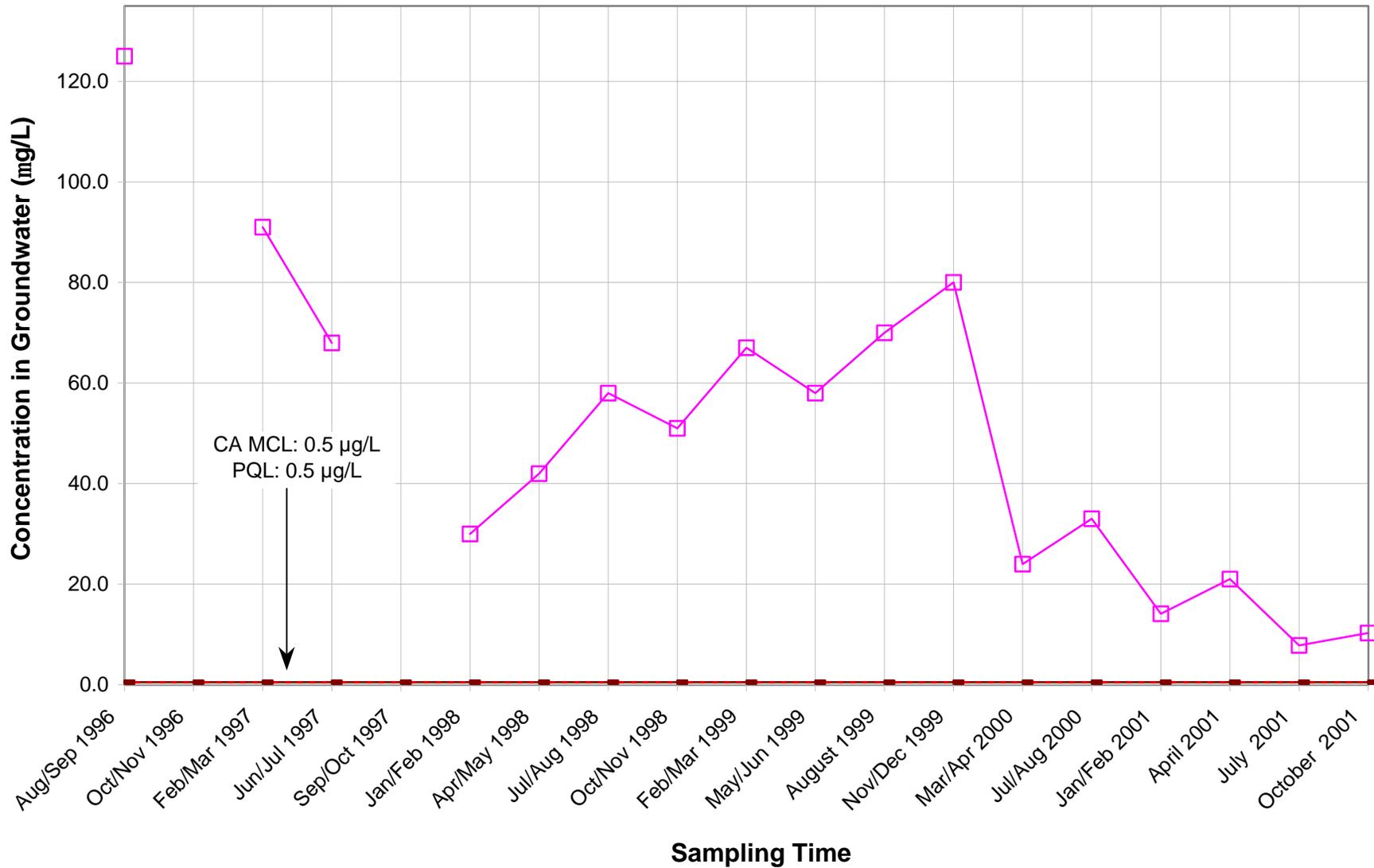


Legend

- 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 OCTOBER 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.

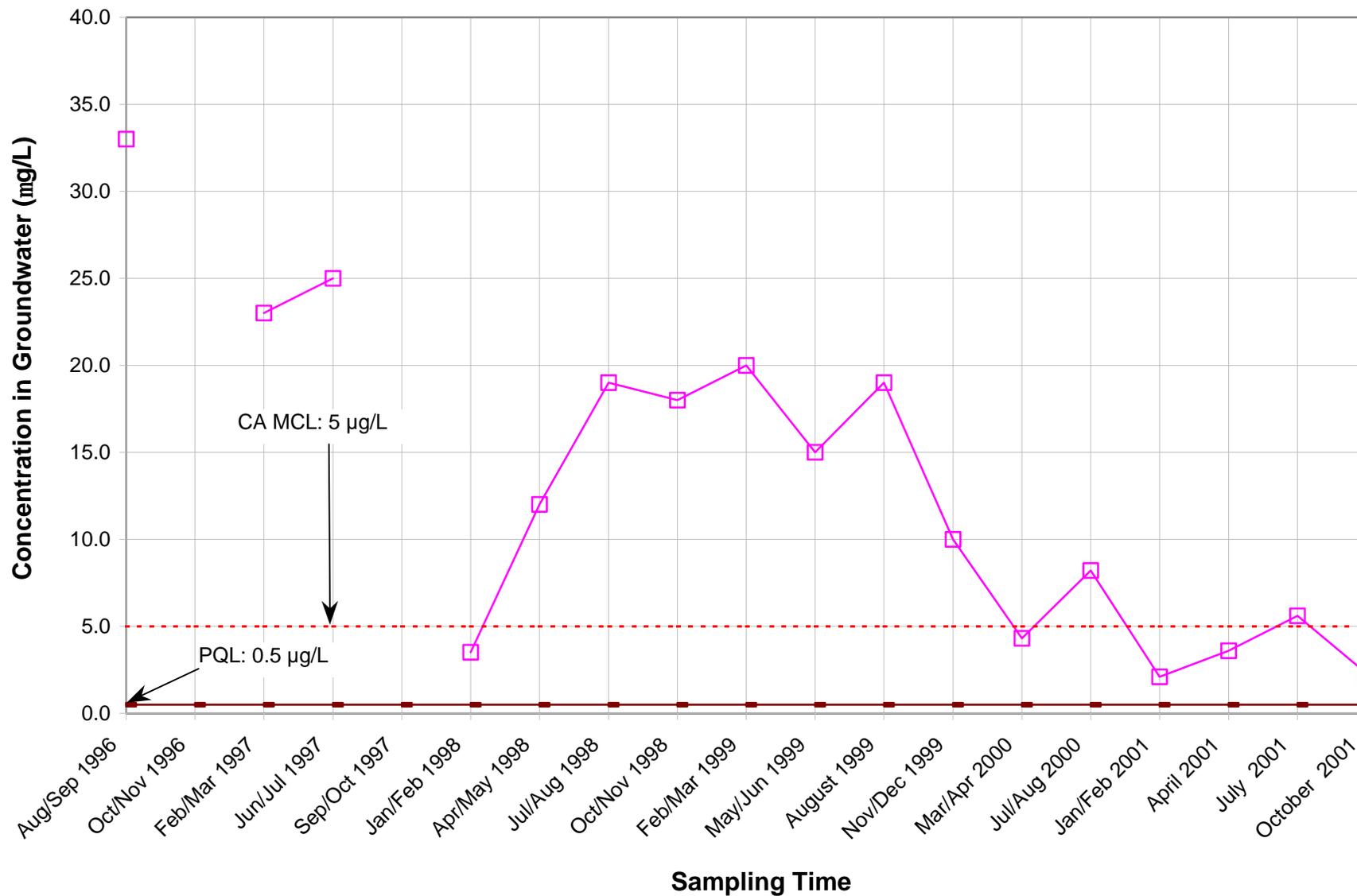
FIGURE 3-35

CARBON TETRACHLORIDE DETECTED AT MW-16
 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.



Legend

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

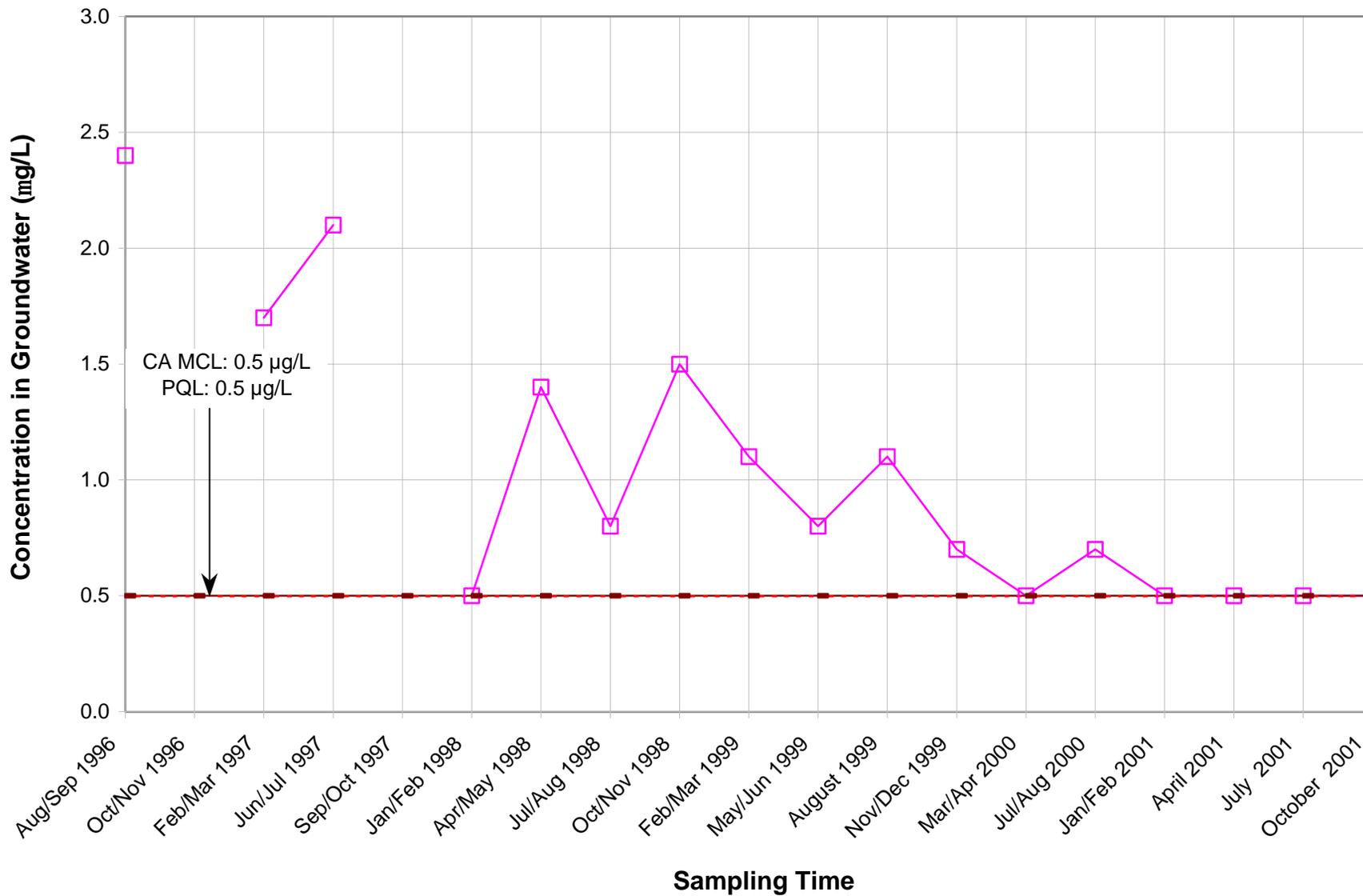
Only concentrations above PQL are plotted.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

FIGURE 3-36
 TRICHLOROETHENE DETECTED AT MW-16
 FROM AUG/SEP 1996 TO OCTOBER 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.

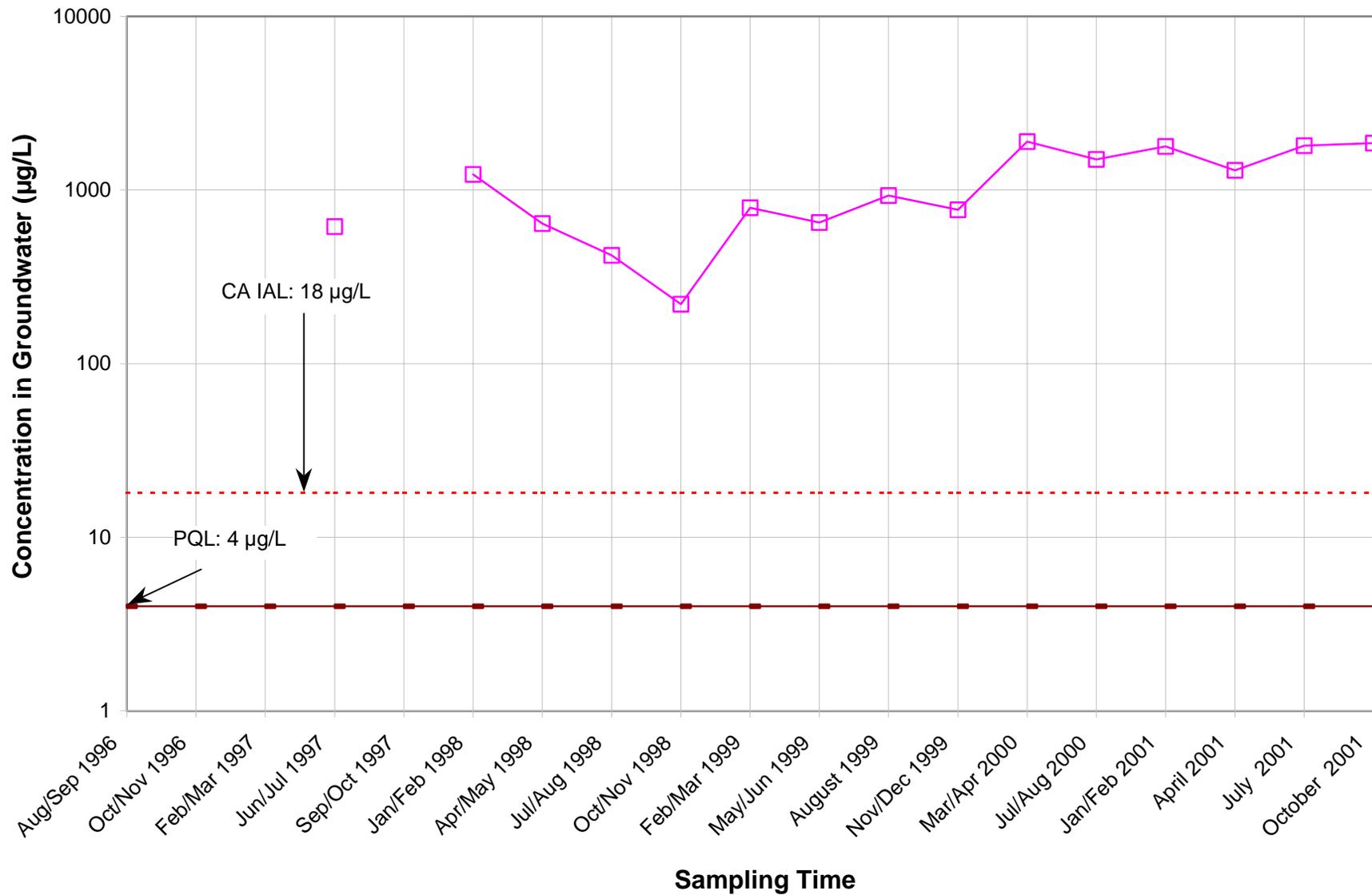
FIGURE 3-37

1, 2-DCA DETECTED AT MW-16
 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.

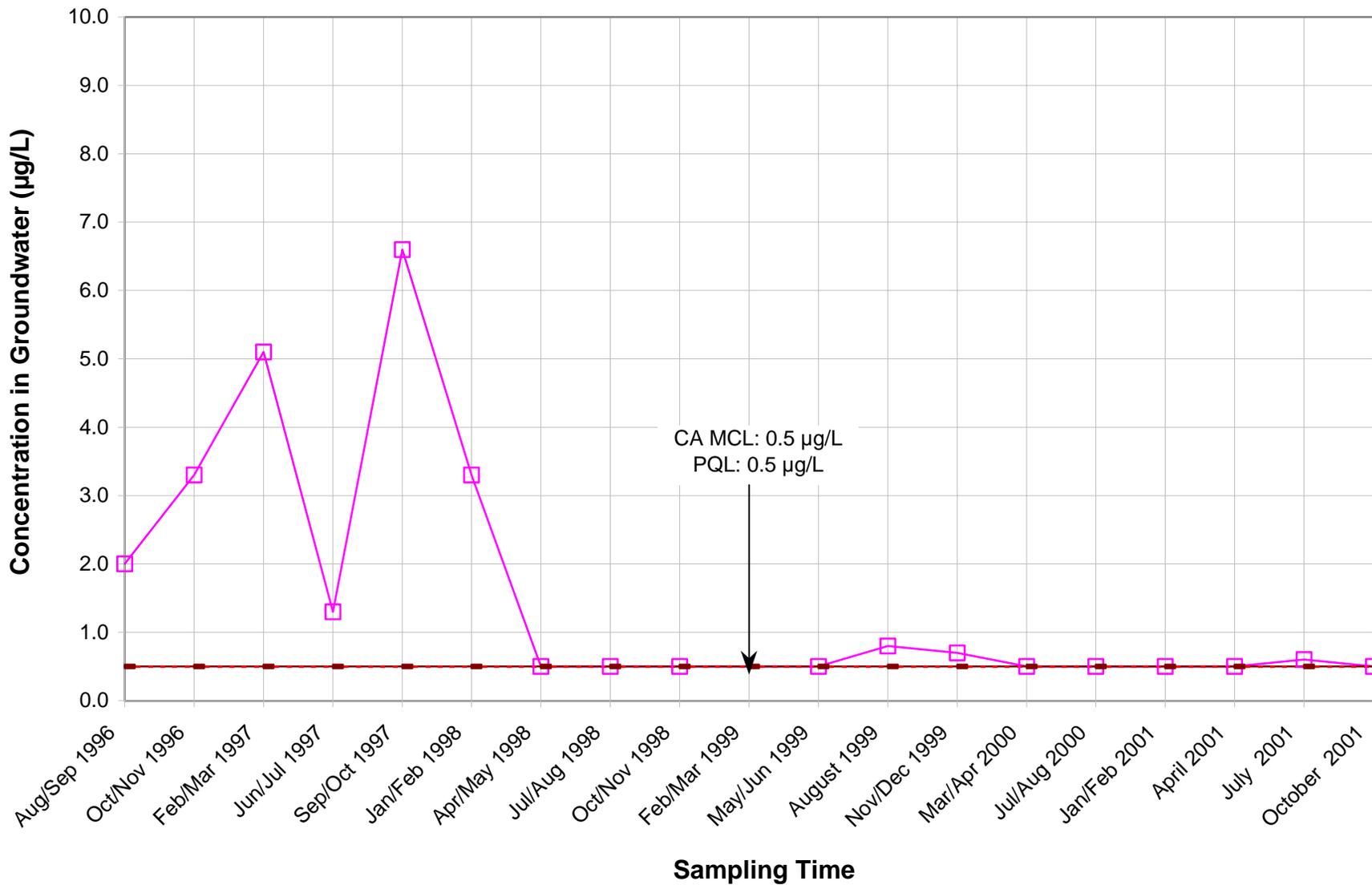


Legend

- 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
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 October 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

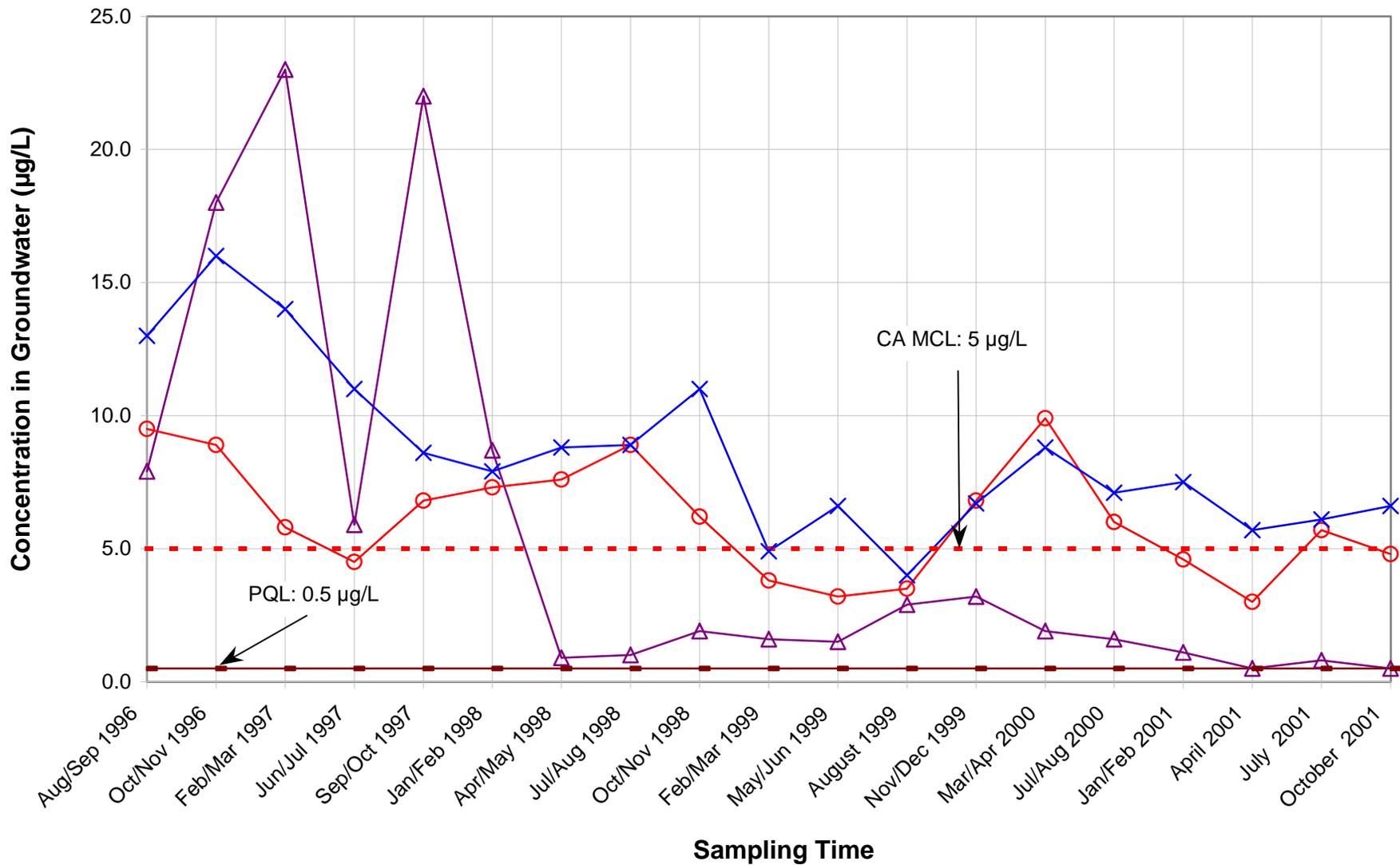
FIGURE 3-39

CARBON TETRACHLORIDE DETECTED AT MW-17
 FROM AUG/SEP 1996 TO OCTOBER 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 October 2001.

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

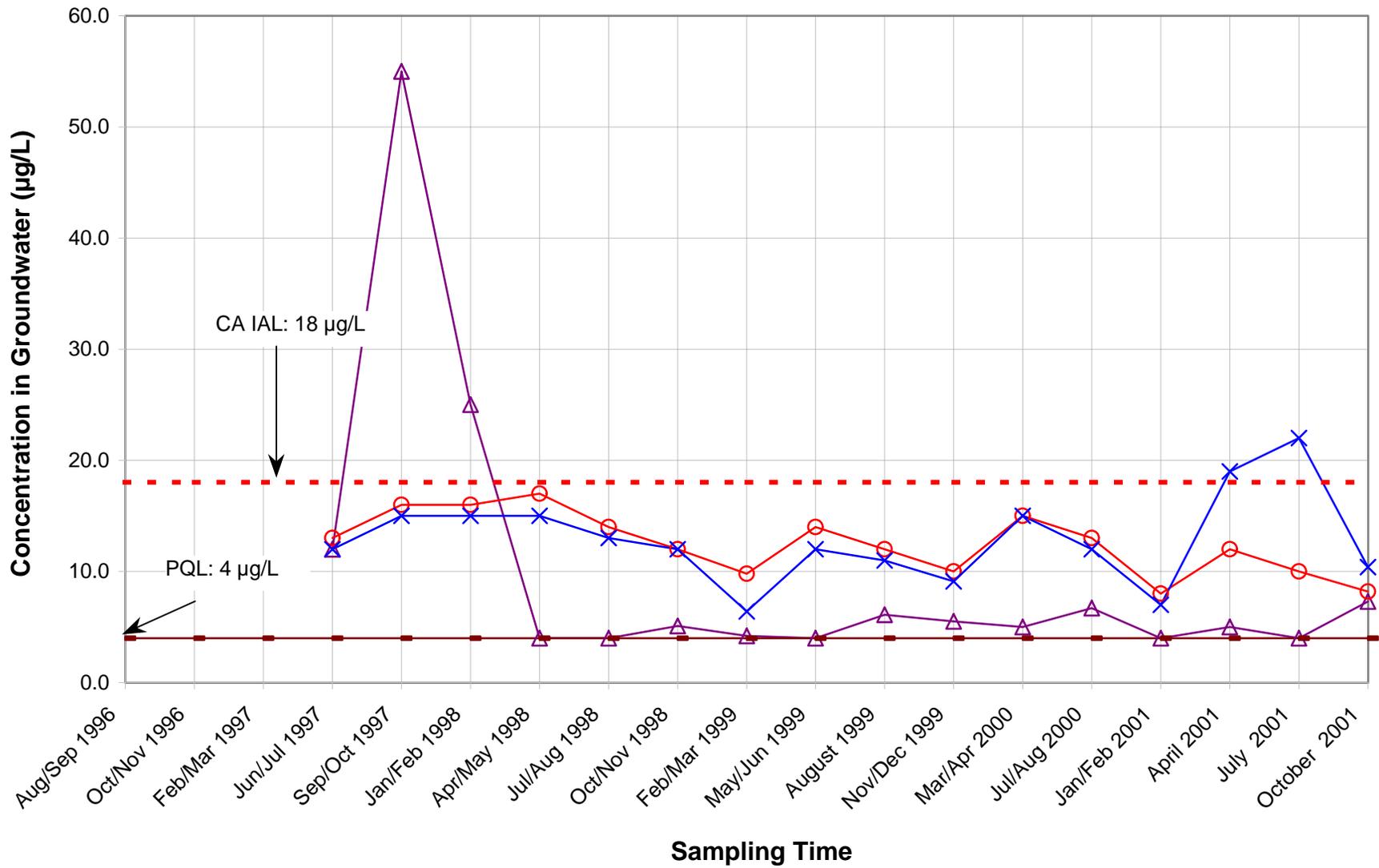
FIGURE 3-40

TRICHLOROETHENE DETECTED AT MW-17
FROM AUG/SEP 1996 TO OCTOBER 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 October 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

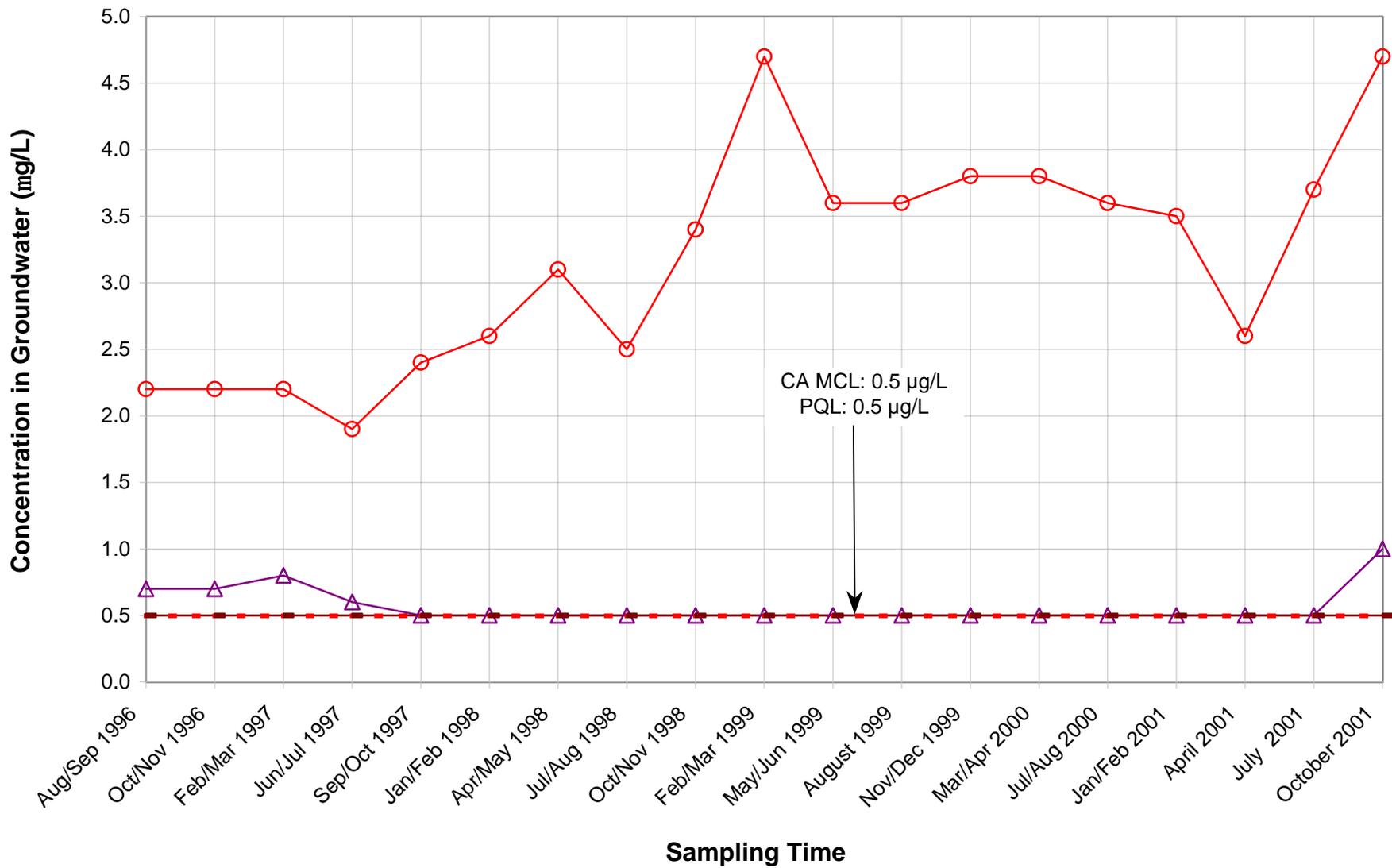
FIGURE 3-41

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

Jet Propulsion Laboratory
 Pasadena, California



SOTA Environmental Technology, Inc.

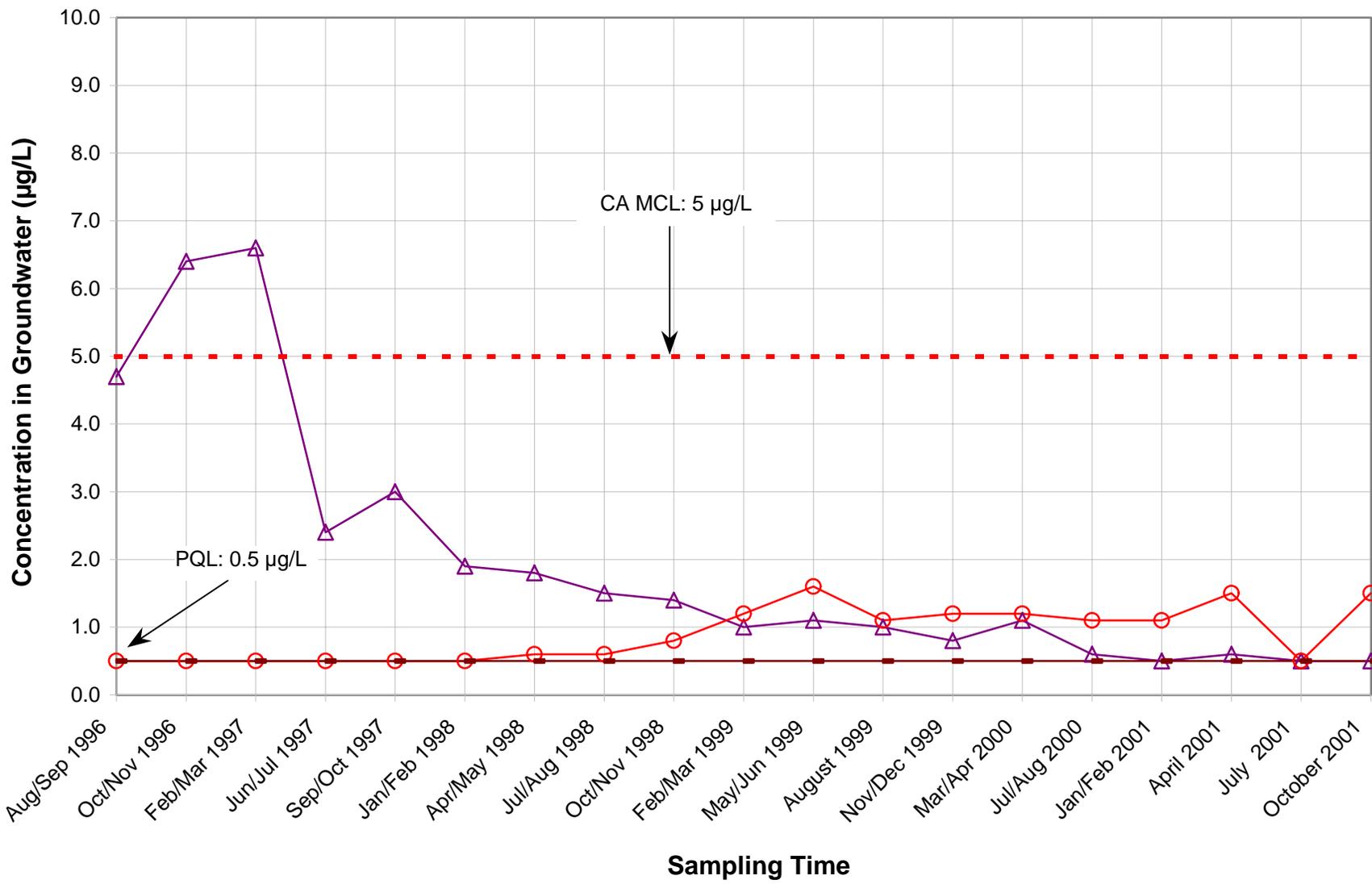


Legend

- △— 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 October 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.
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 October 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

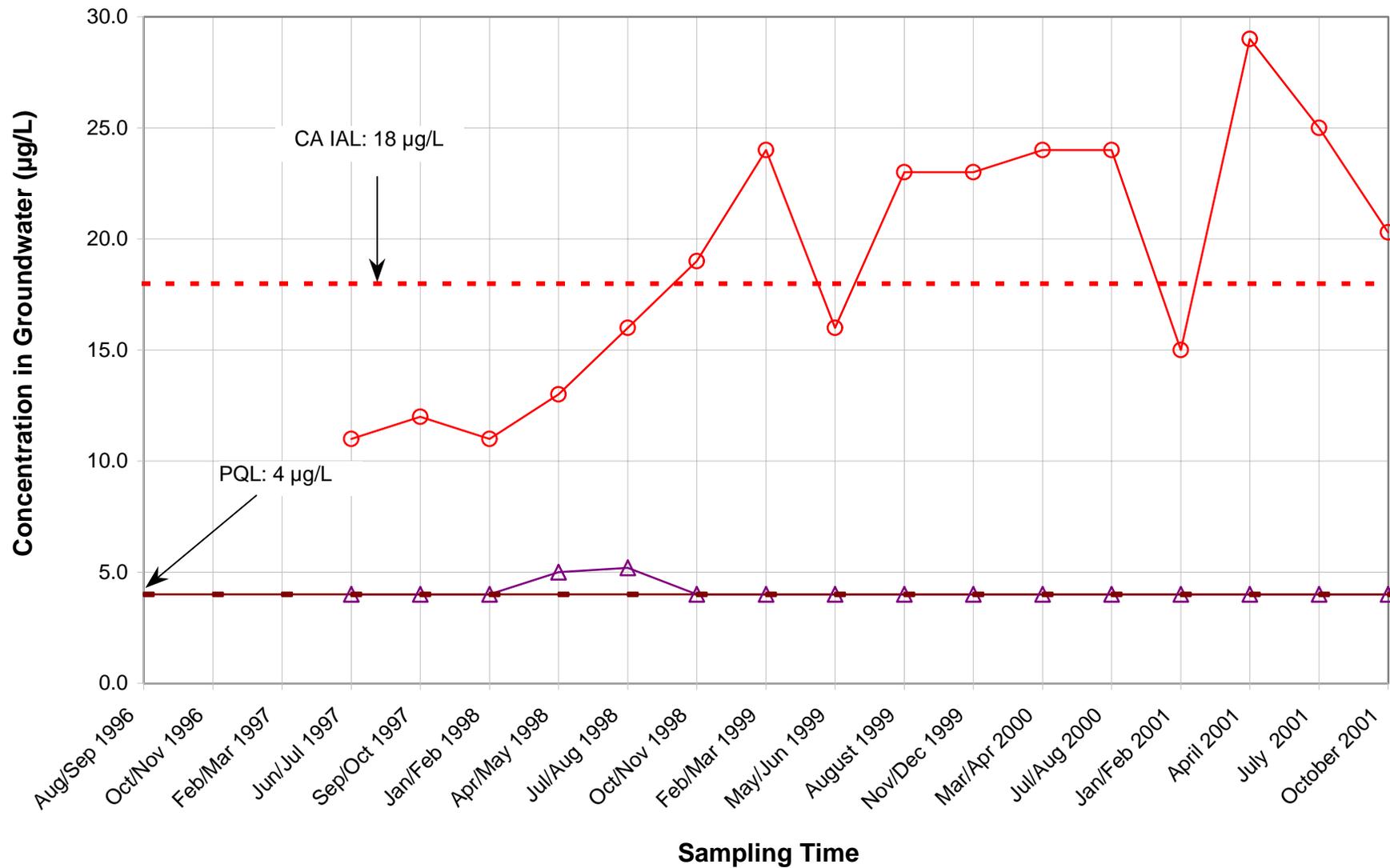
FIGURE 3-43

TRICHLOROETHENE DETECTED AT MW-18 FROM AUG/SEP 1996 TO OCTOBER 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 October 2001.
 Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

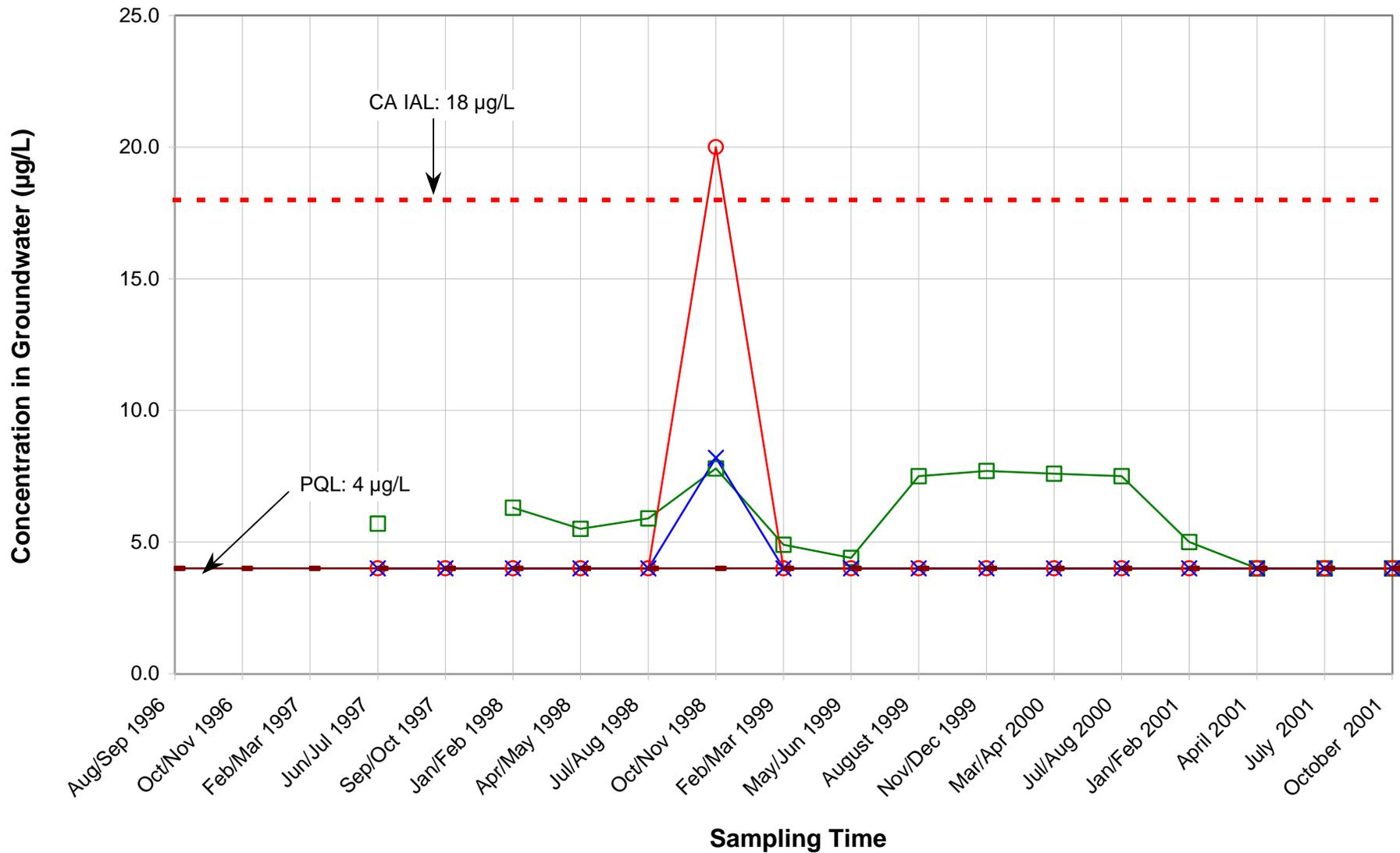
FIGURE 3-44

PERCHLORATE DETECTED AT MW-18
 FROM AUG/SEP 1996 TO OCTOBER 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.

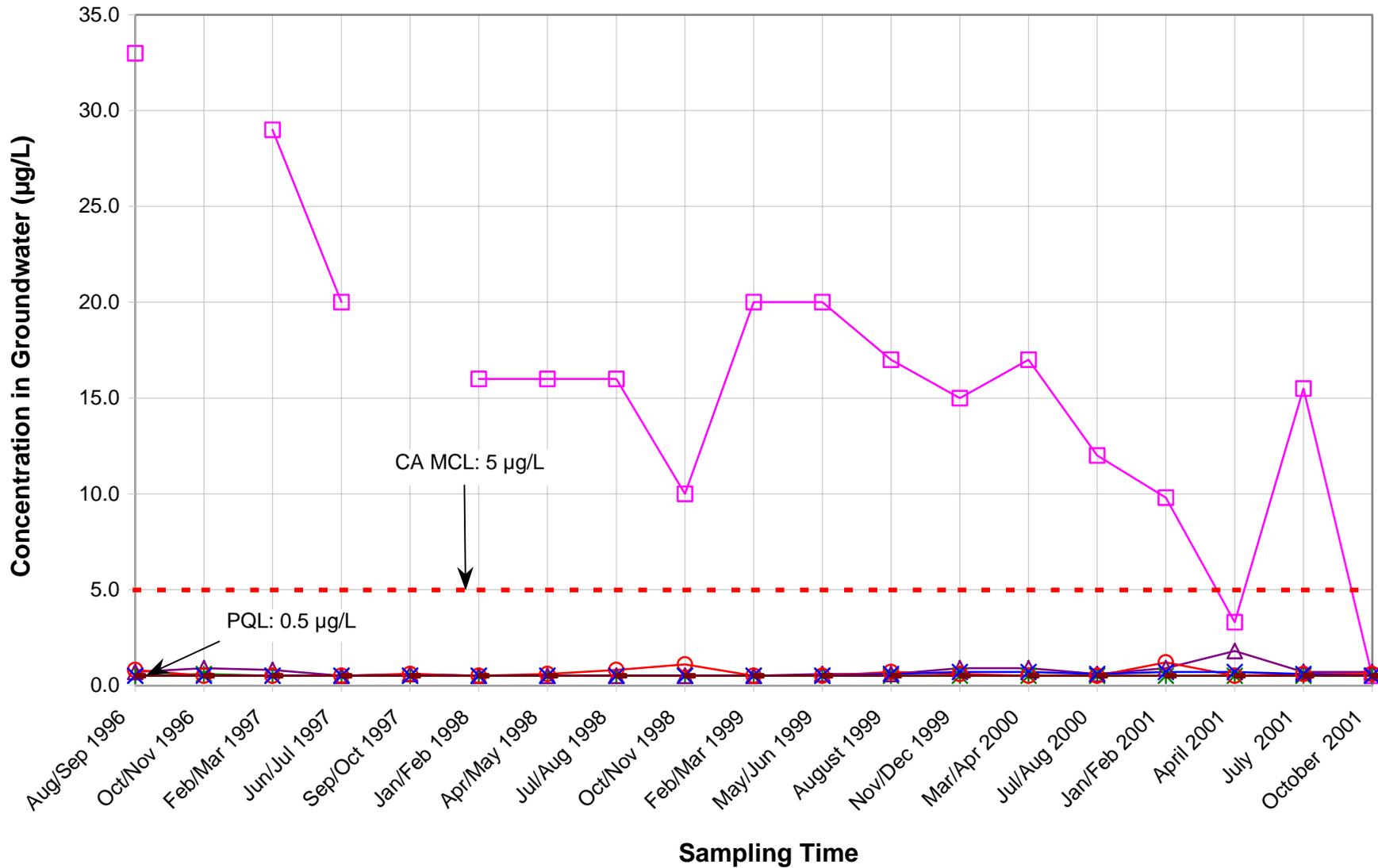
FIGURE 3-45

PERCHLORATE DETECTED AT MW-20
FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.

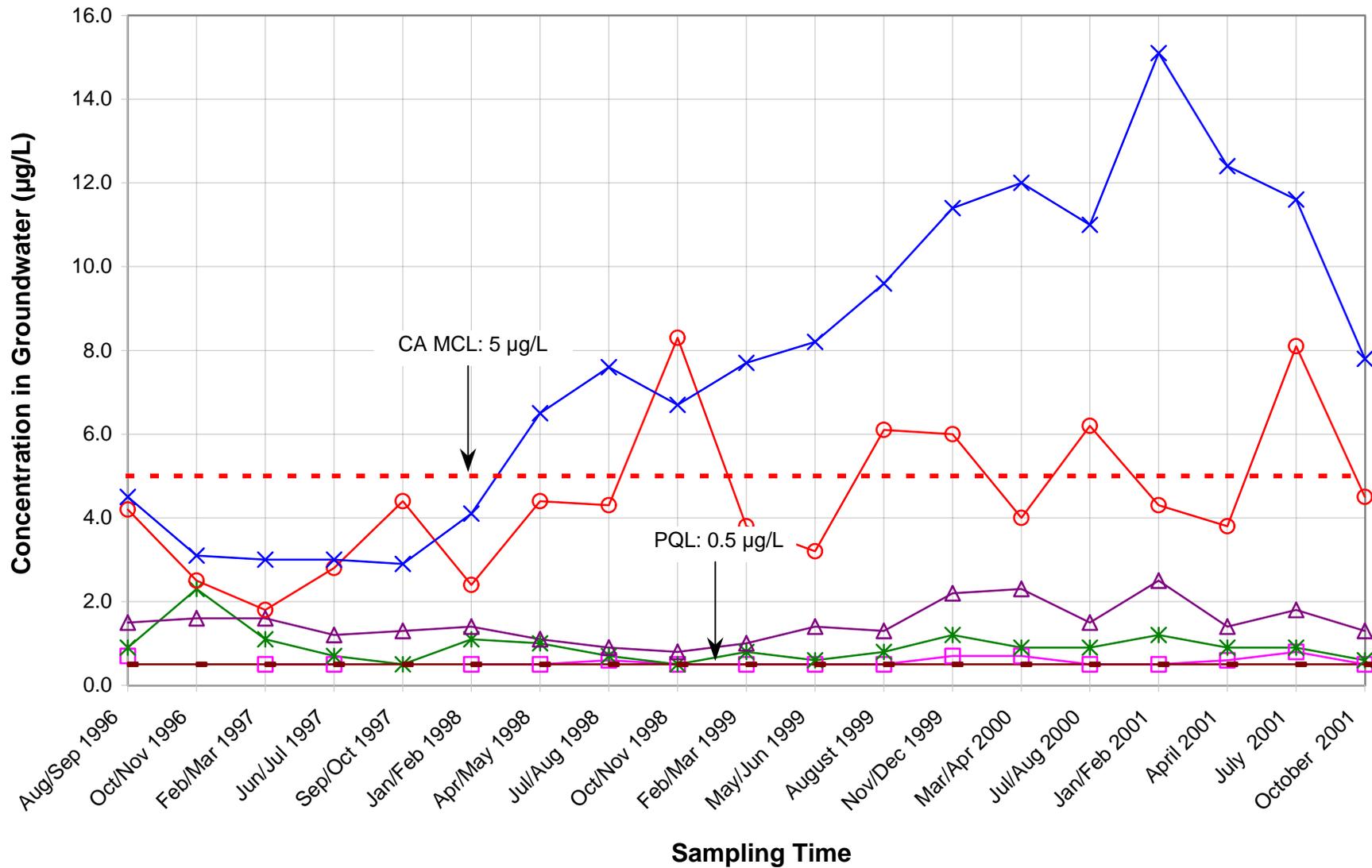


Legend

- 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

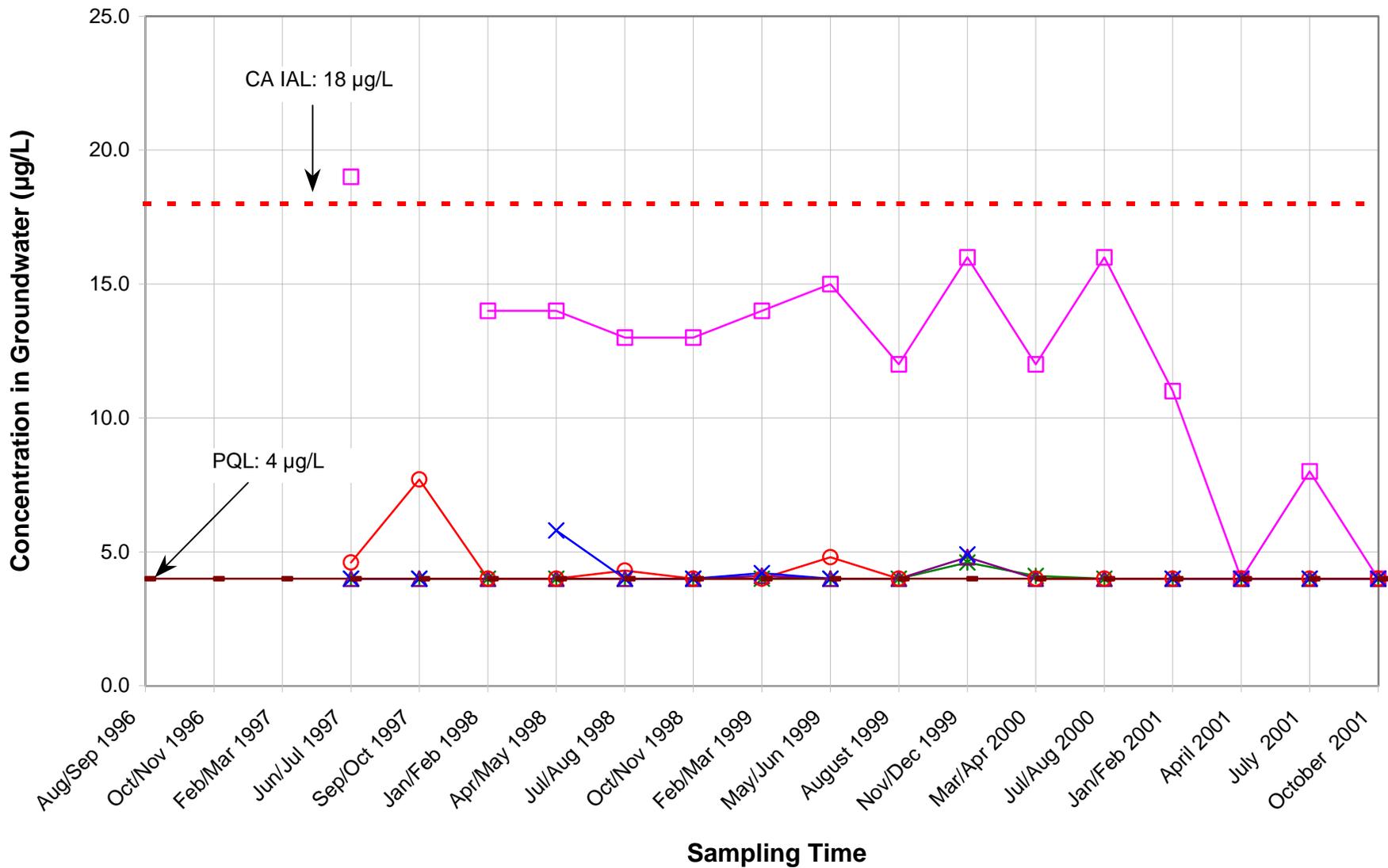


Legend

- 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

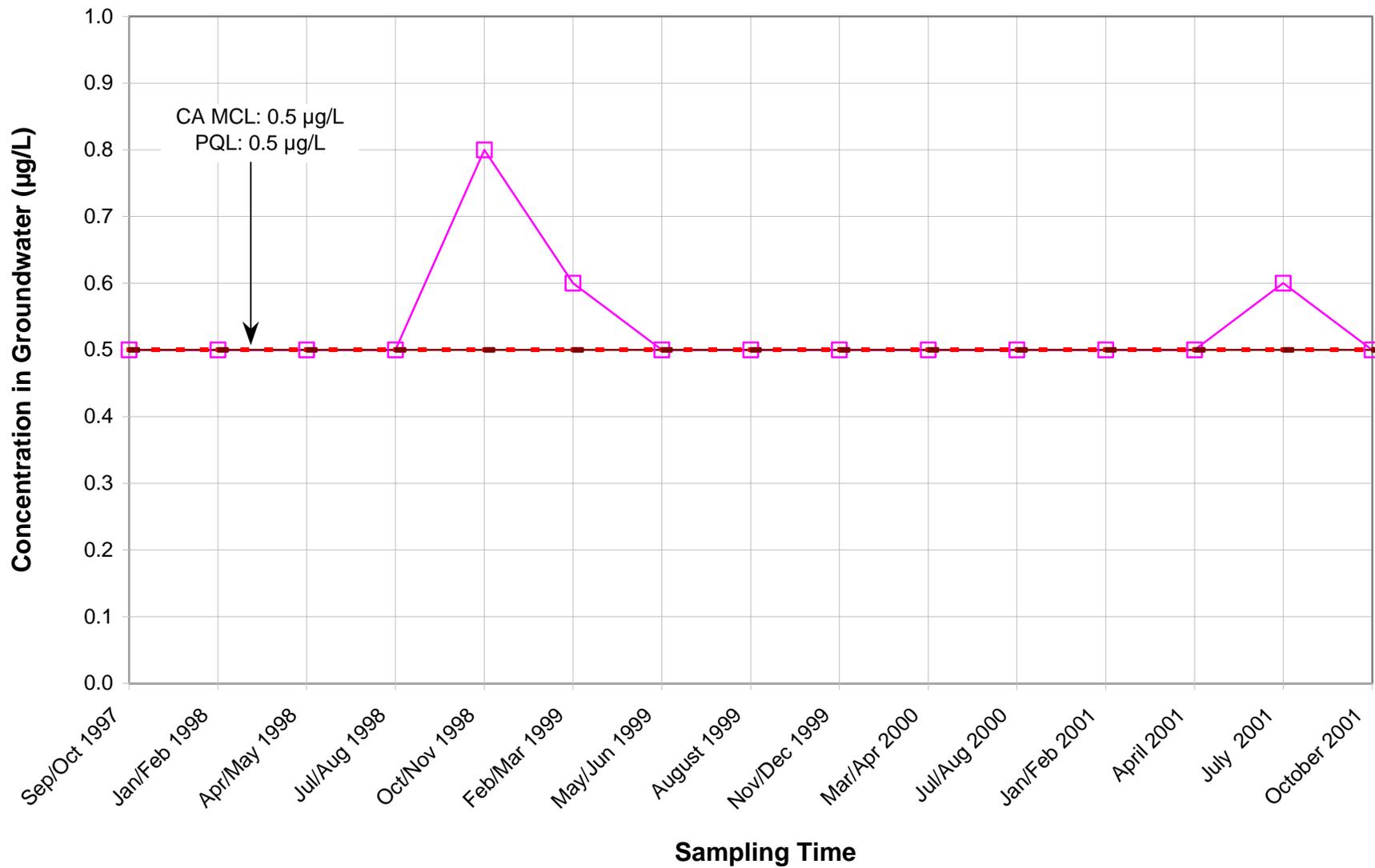


Legend

- 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 OCTOBER 2001
Jet Propulsion Laboratory Pasadena, California
SOTA Environmental Technology, Inc.

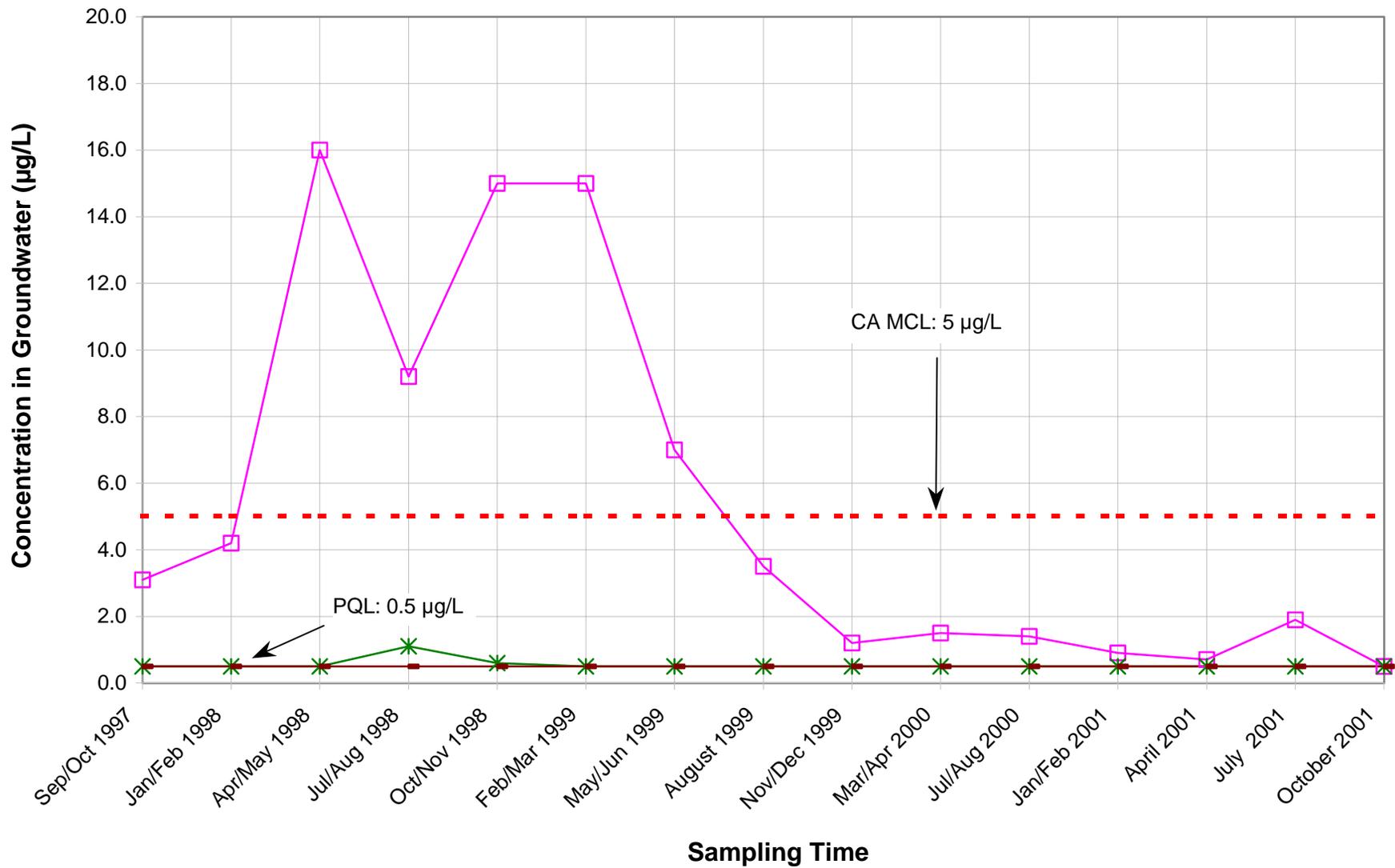


Legend

—□— 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 October 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 OCTOBER 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 October 2001. Data before Jan/Feb 2001 were obtained from Foster Wheeler Reports.

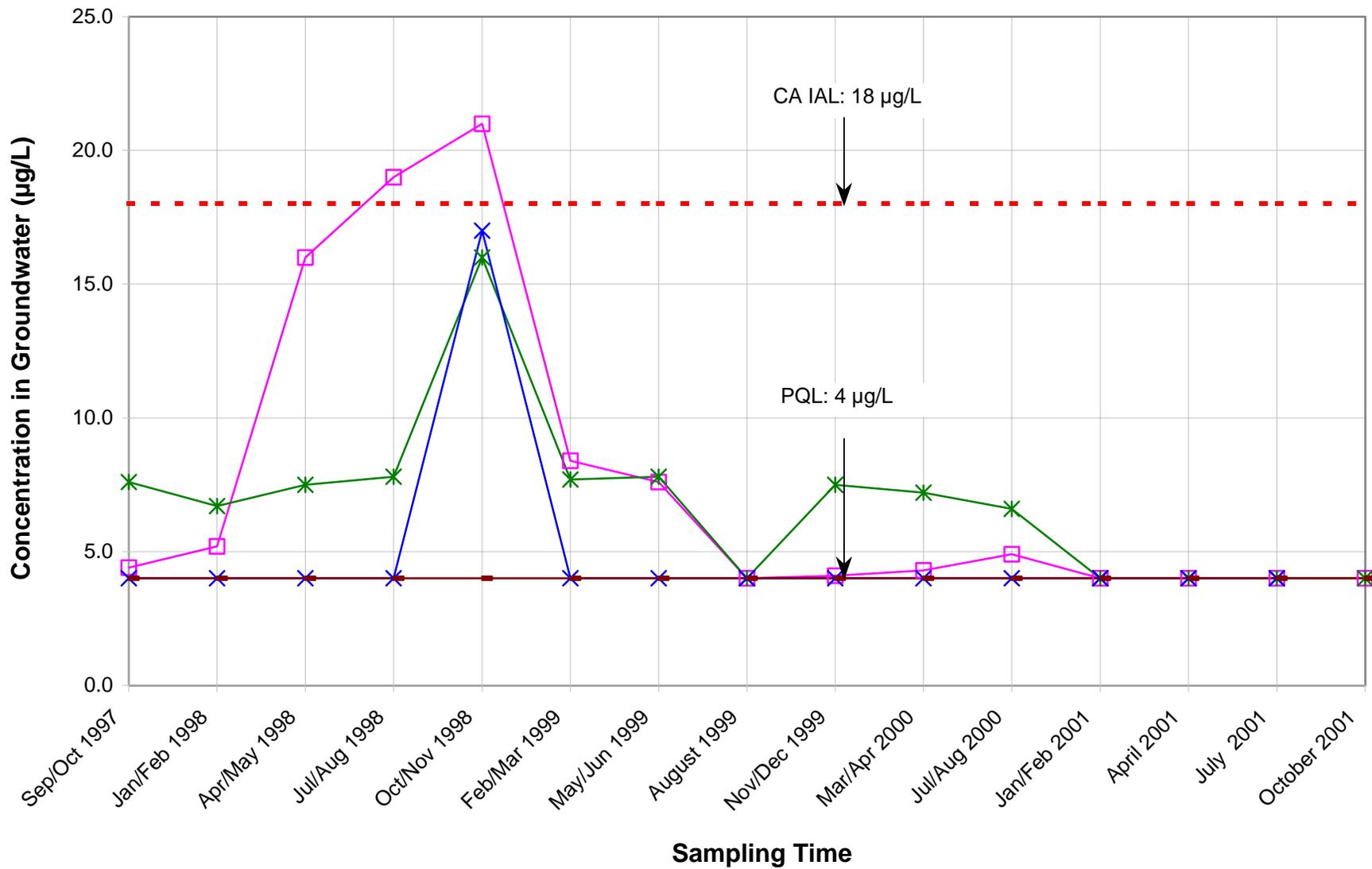
FIGURE 3-50

TRICHLOROETHENE DETECTED AT MW-23 FROM AUG/SEP 1996 TO OCTOBER 2001

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.

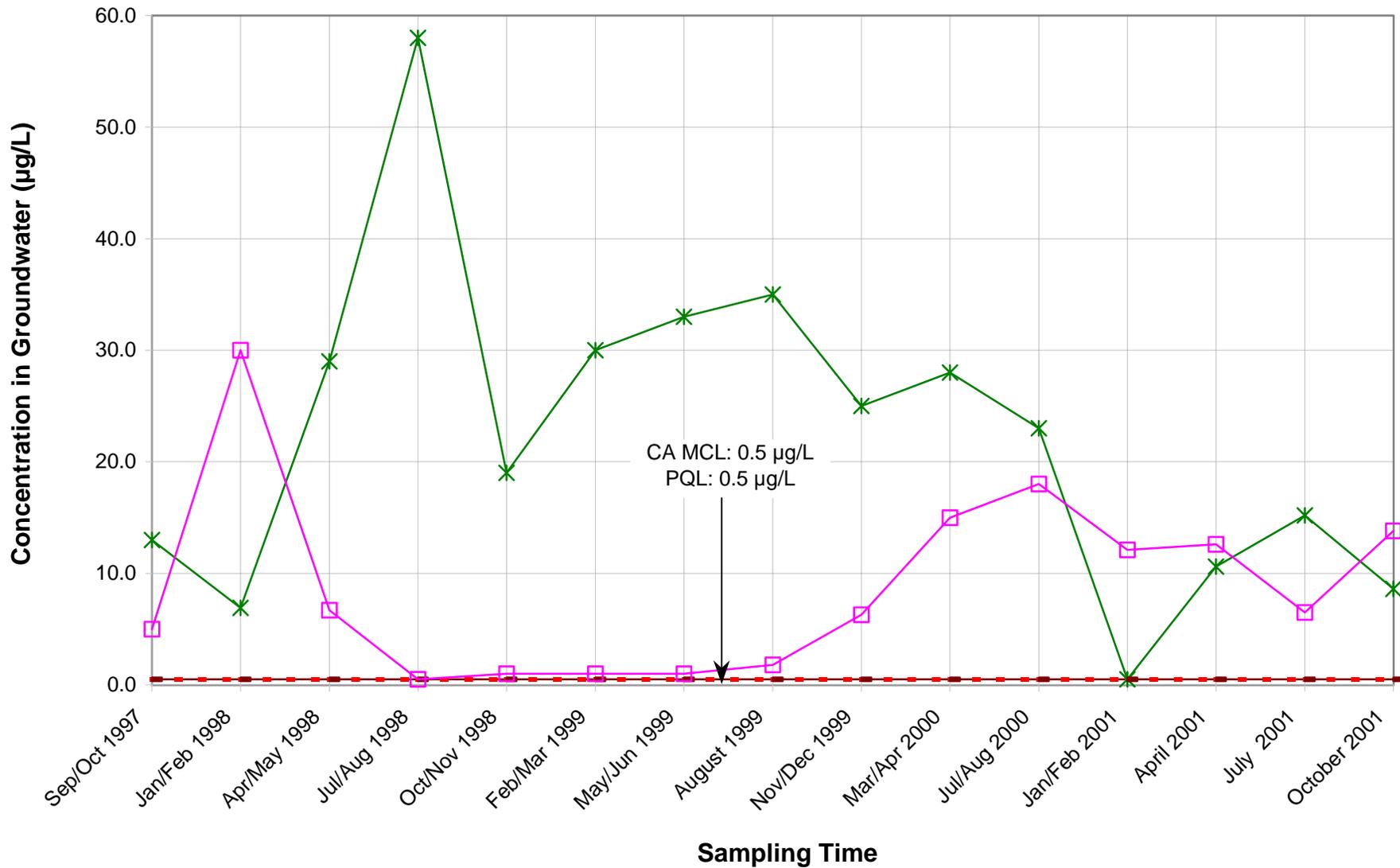


Legend

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

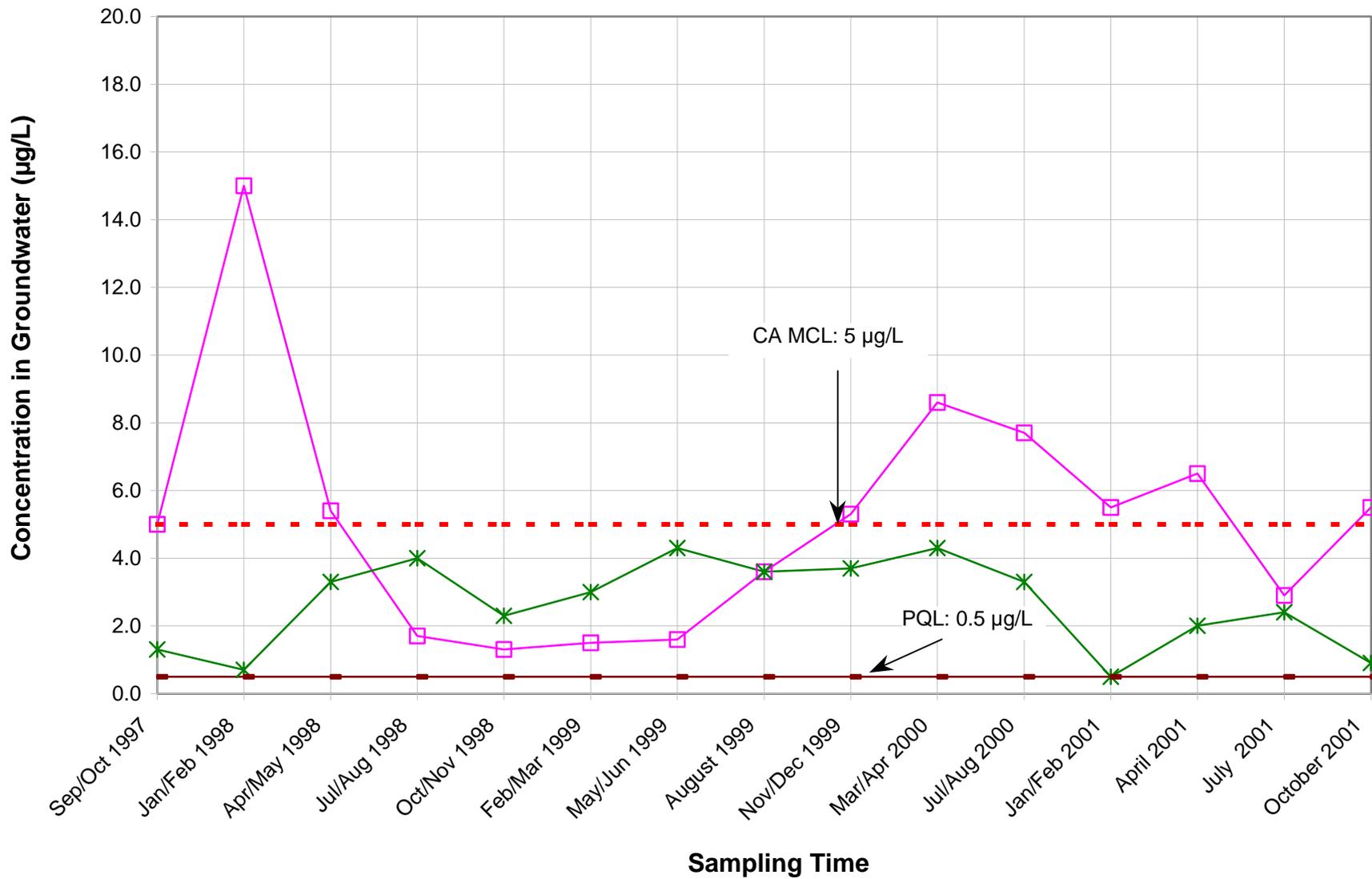
FIGURE 3-52

CARBON TETRACHLORIDE DETECTED AT MW-24 FROM AUG/SEP 1996 TO OCTOBER 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 October 2001.

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

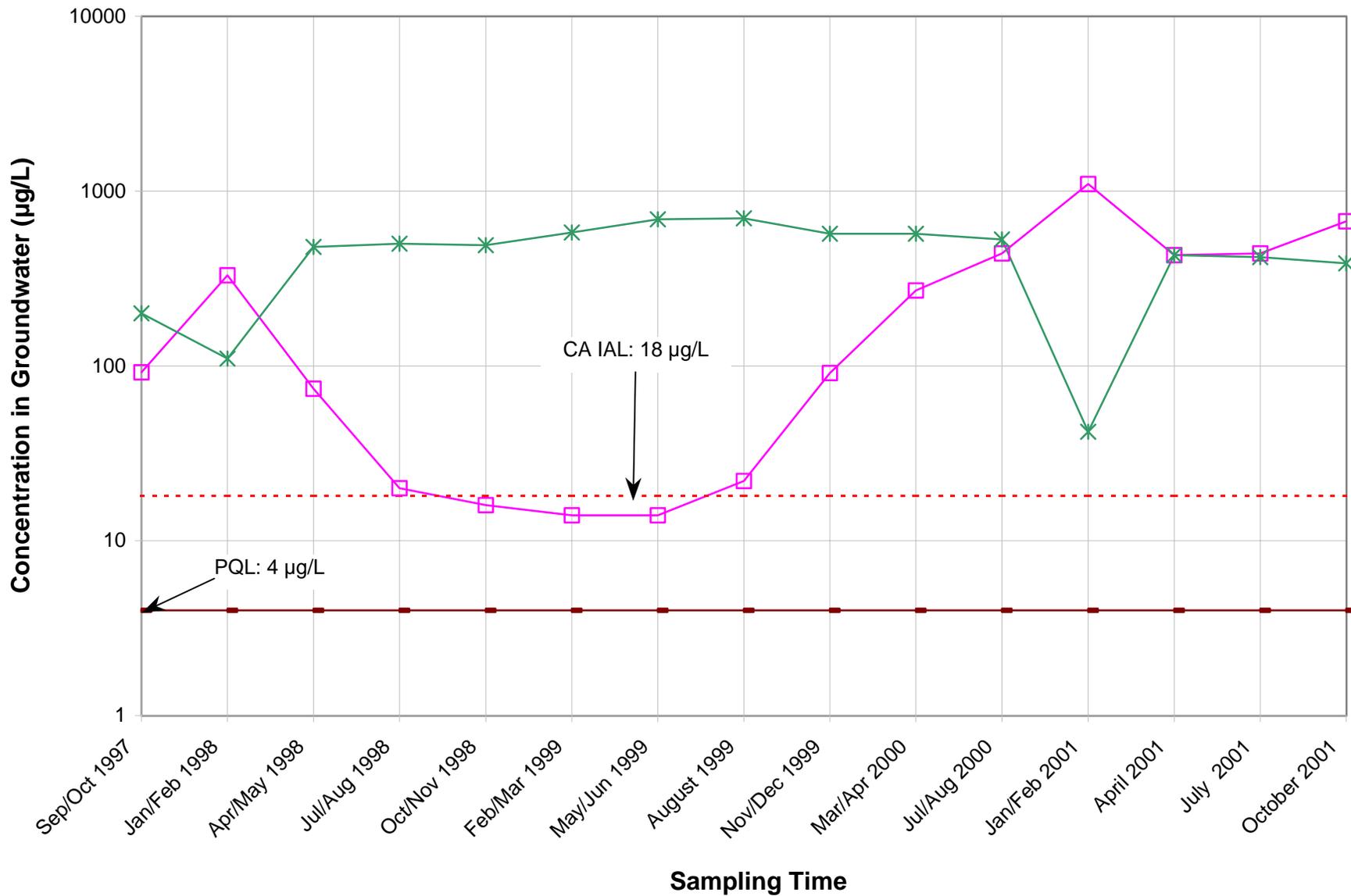
FIGURE 3-53

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

Jet Propulsion Laboratory
Pasadena, California



SOTA Environmental Technology, Inc.



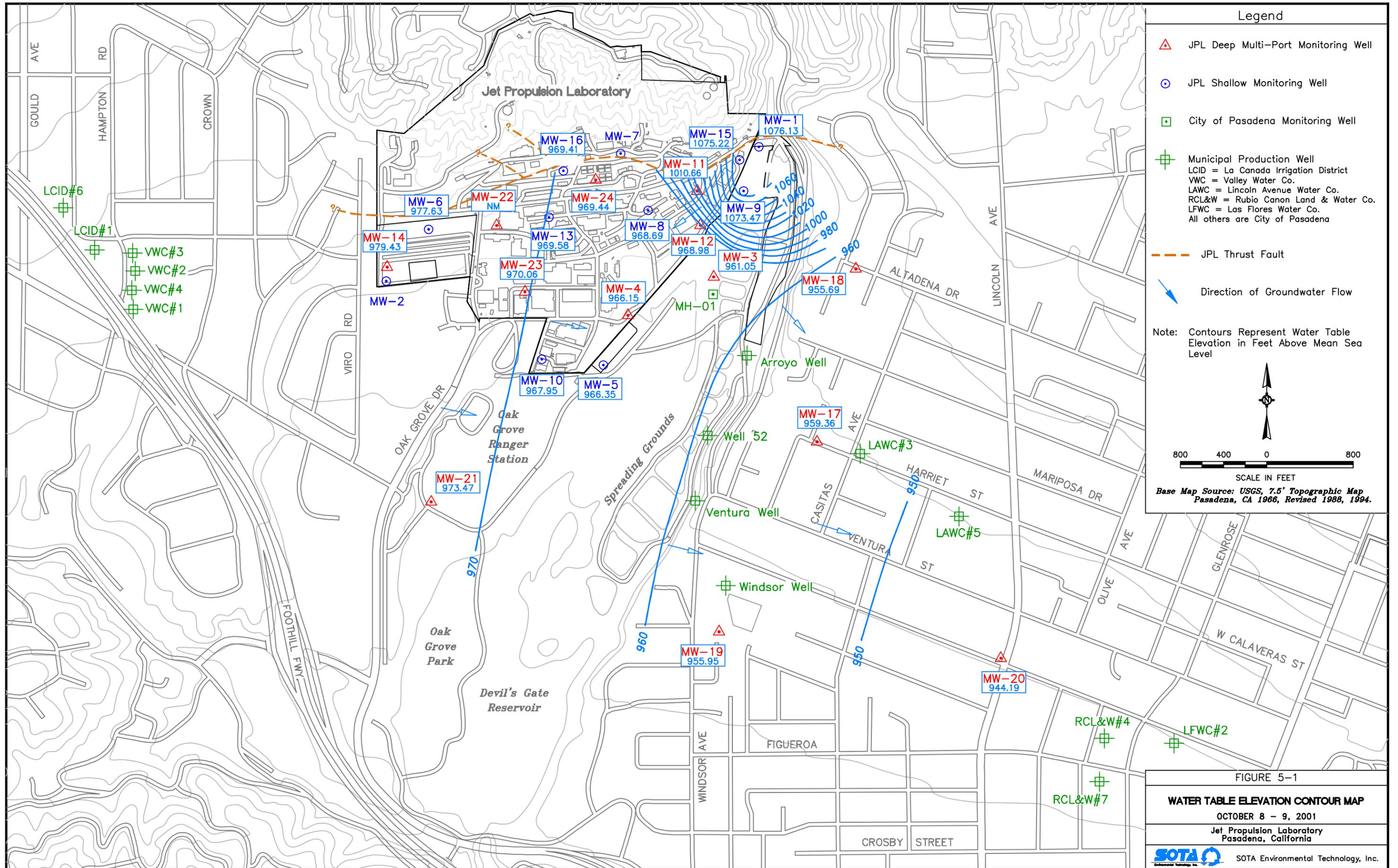
Legend

- 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 October 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 OCTOBER 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.
 LAWLC = 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

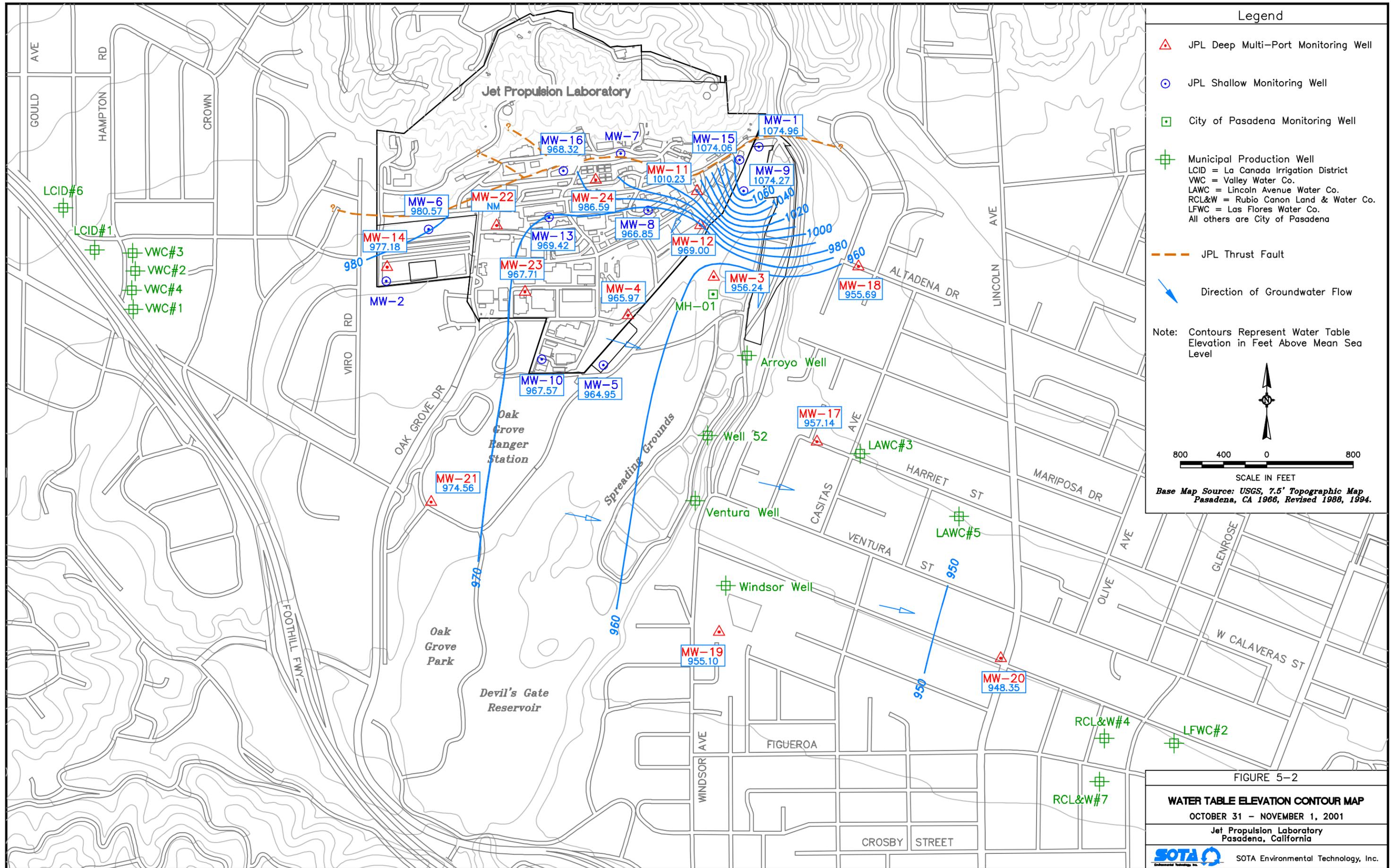
Note: Contours Represent Water Table Elevation in Feet Above Mean Sea Level


 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
 OCTOBER 8 - 9, 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.
 LAWG = 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

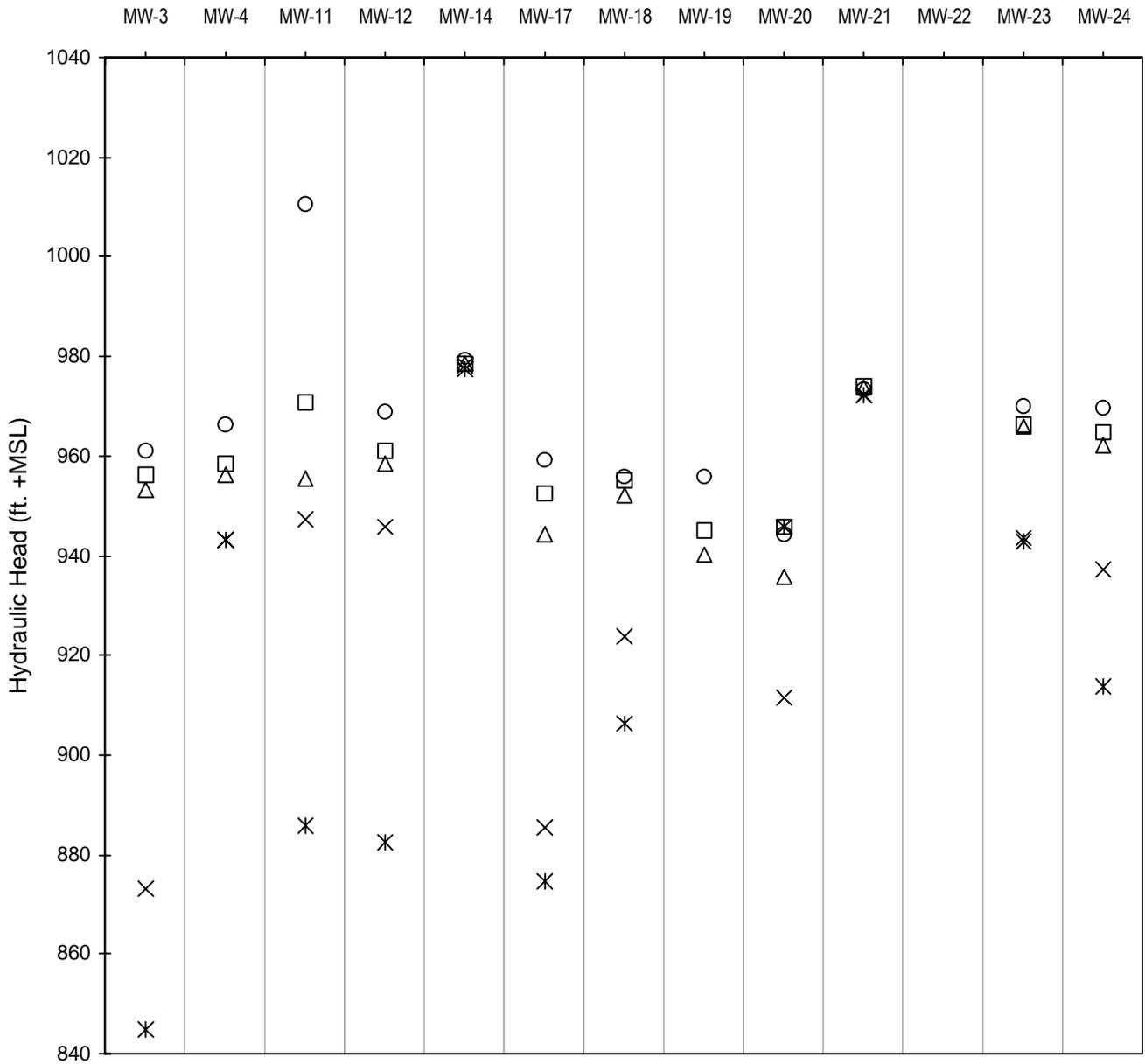

 800 400 0 800
 SCALE IN FEET
 Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 5-2

WATER TABLE ELEVATION CONTOUR MAP
 OCTOBER 31 - NOVEMBER 1, 2001
 Jet Propulsion Laboratory
 Pasadena, California

 SOTA Environmental Technology, Inc.

Monitoring Well

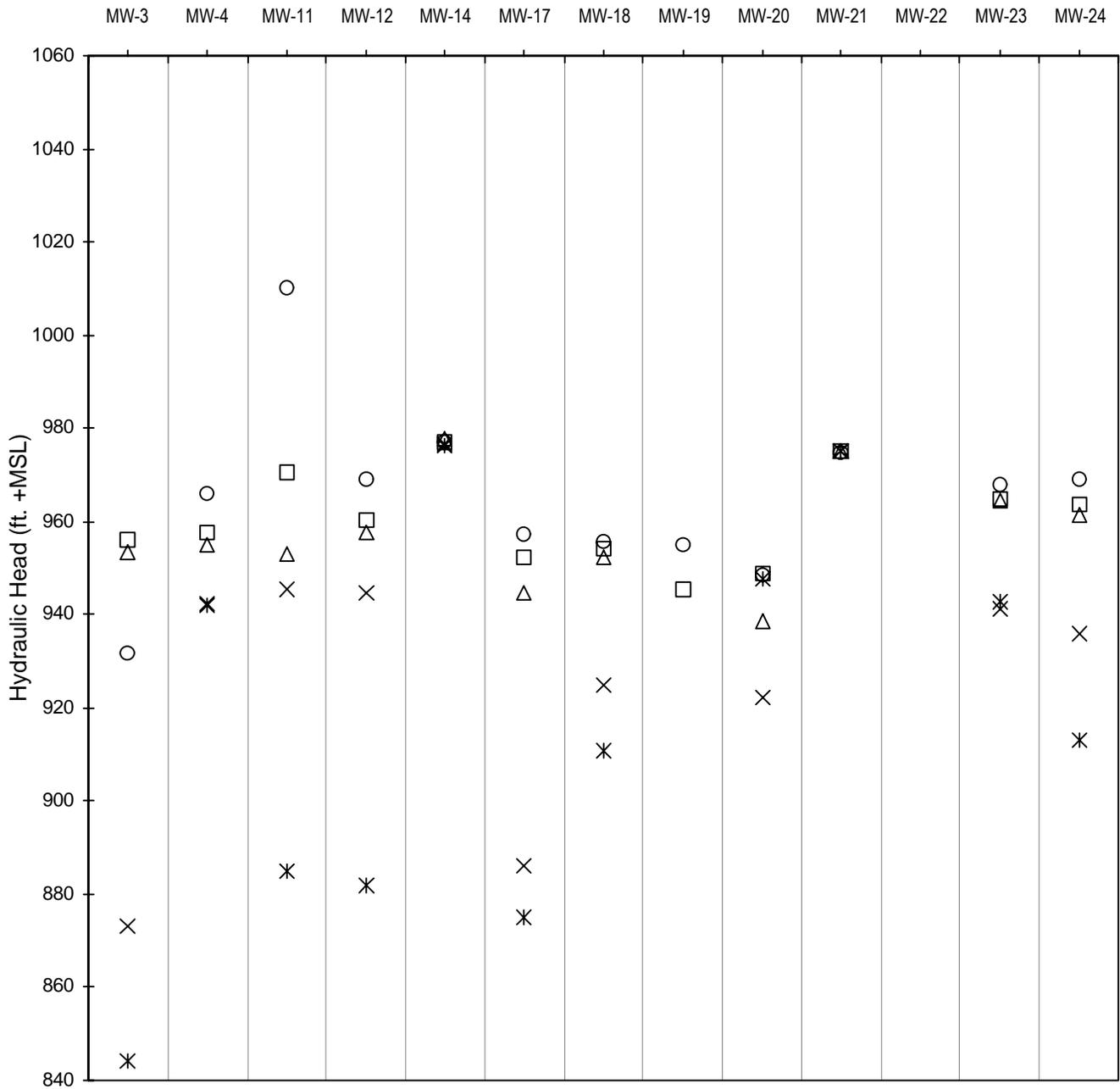


- Screen 1
- Screen 2
- △ Screen 3
- × Screen 4
- ✱ Screen 5

FIGURE 5-3
**HYDRAULIC HEAD ELEVATIONS
 FROM DEEP (MP) WELLS**
 October 8-9, 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**
 OCTOBER 31 - NOVEMBER 1, 2001
 Jet Propulsion Laboratory
 Pasadena, California


 SOTA Environmental Technology, Inc.