

**Legend**

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

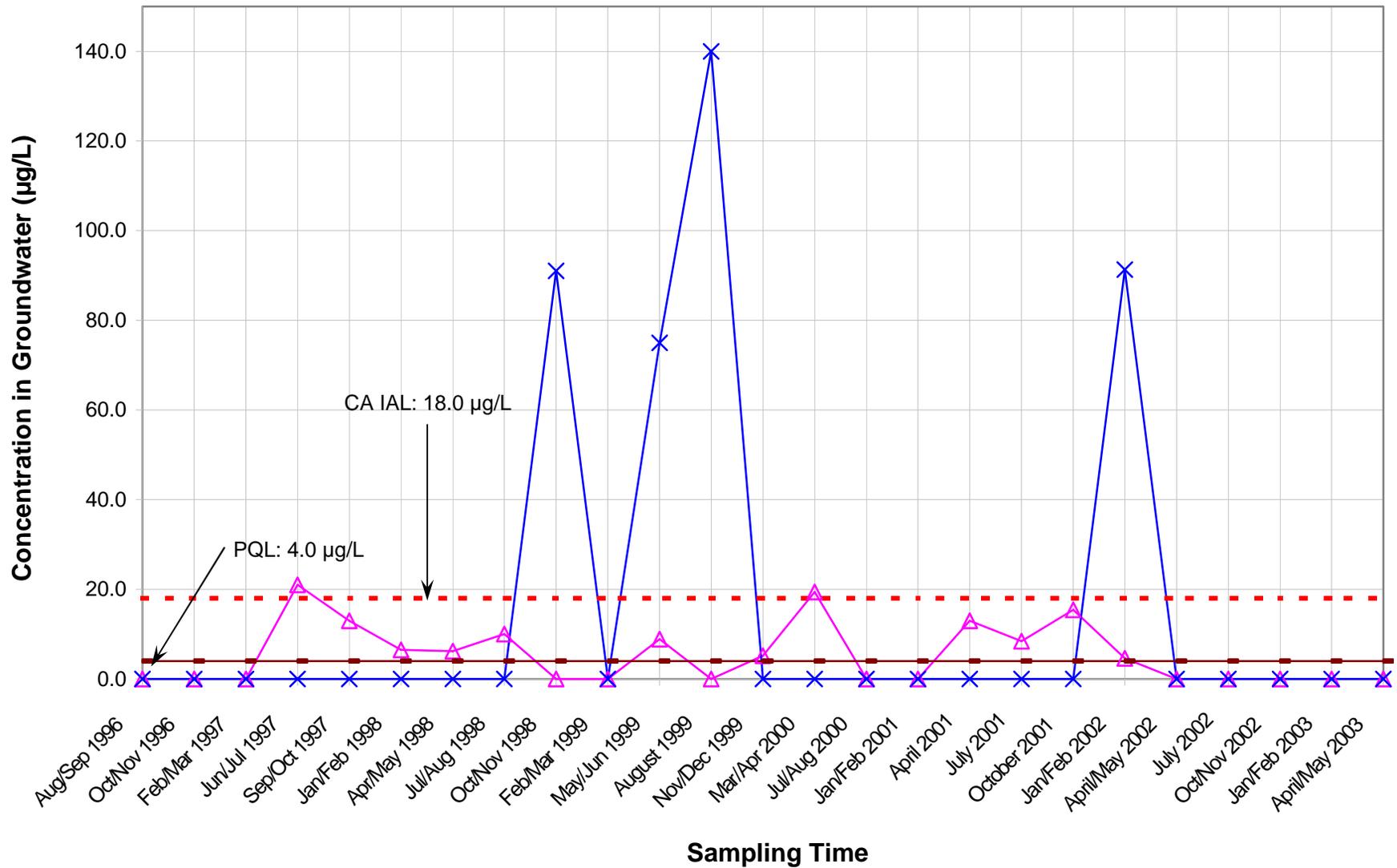
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-13**

**CARBON TETRACHLORIDE DETECTED AT MW-3  
FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
Pasadena, California





**Legend**

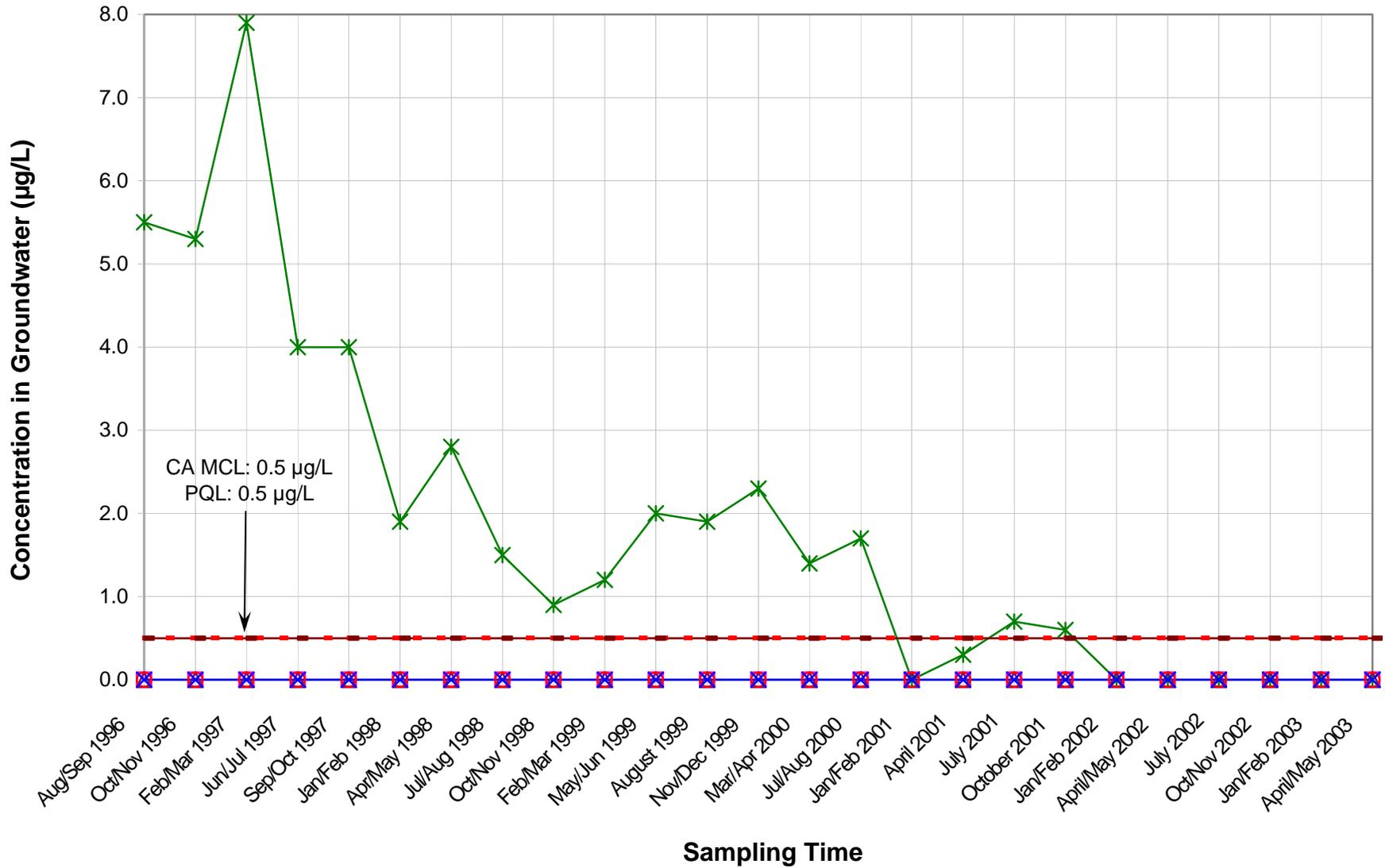
- ▲ Screen 3
- × Screen 5
- PQL
- - - CA IAL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-14**

**PERCHLORATE DETECTED AT MW-3  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

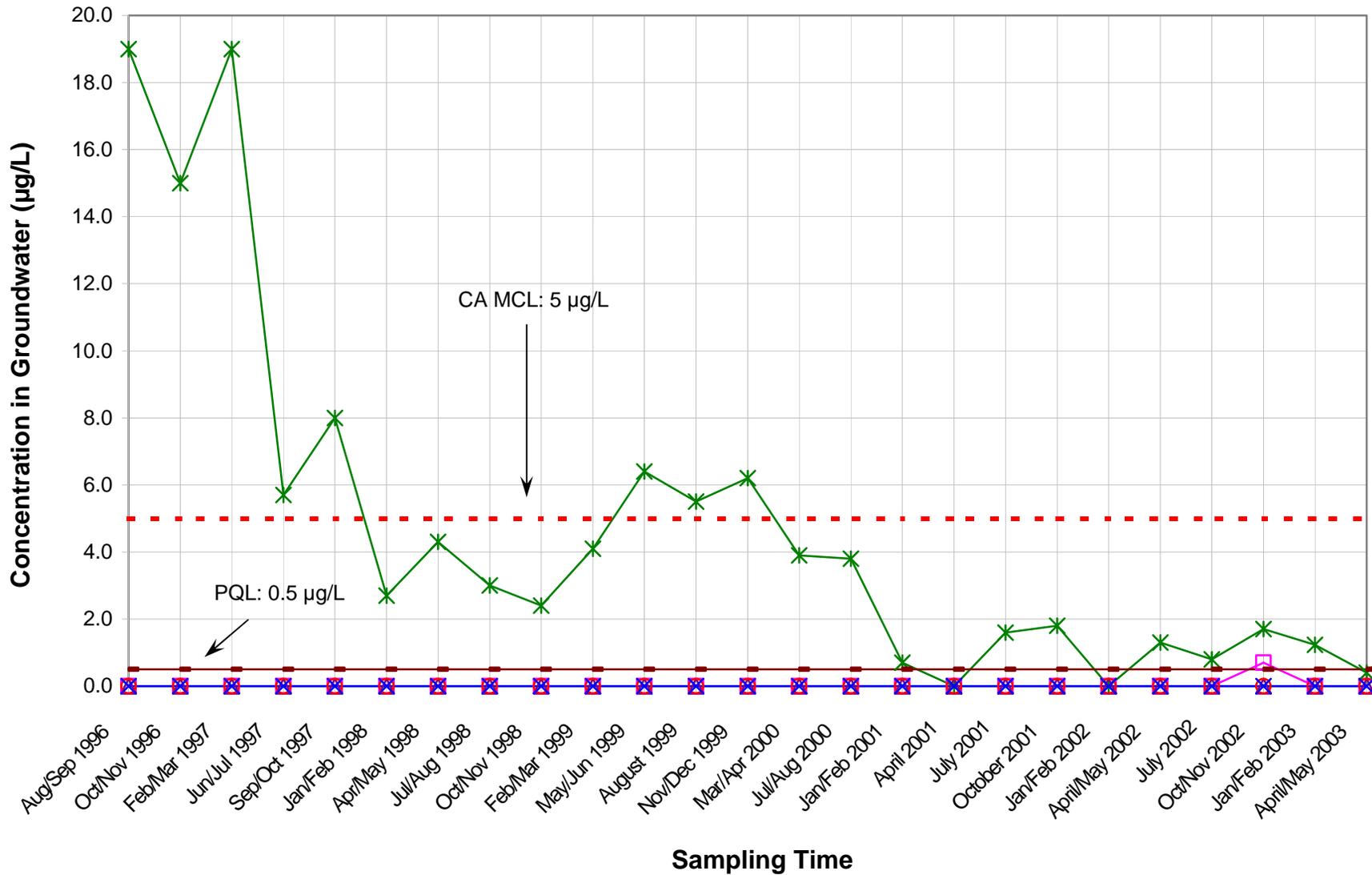
- Screen 1
- \*— Screen 2
- △— Screen 3
- Screen 4
- x— Screen 5
- PQL
- - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-15**  
**CARBON TETRACHLORIDE DETECTED AT MW-4**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





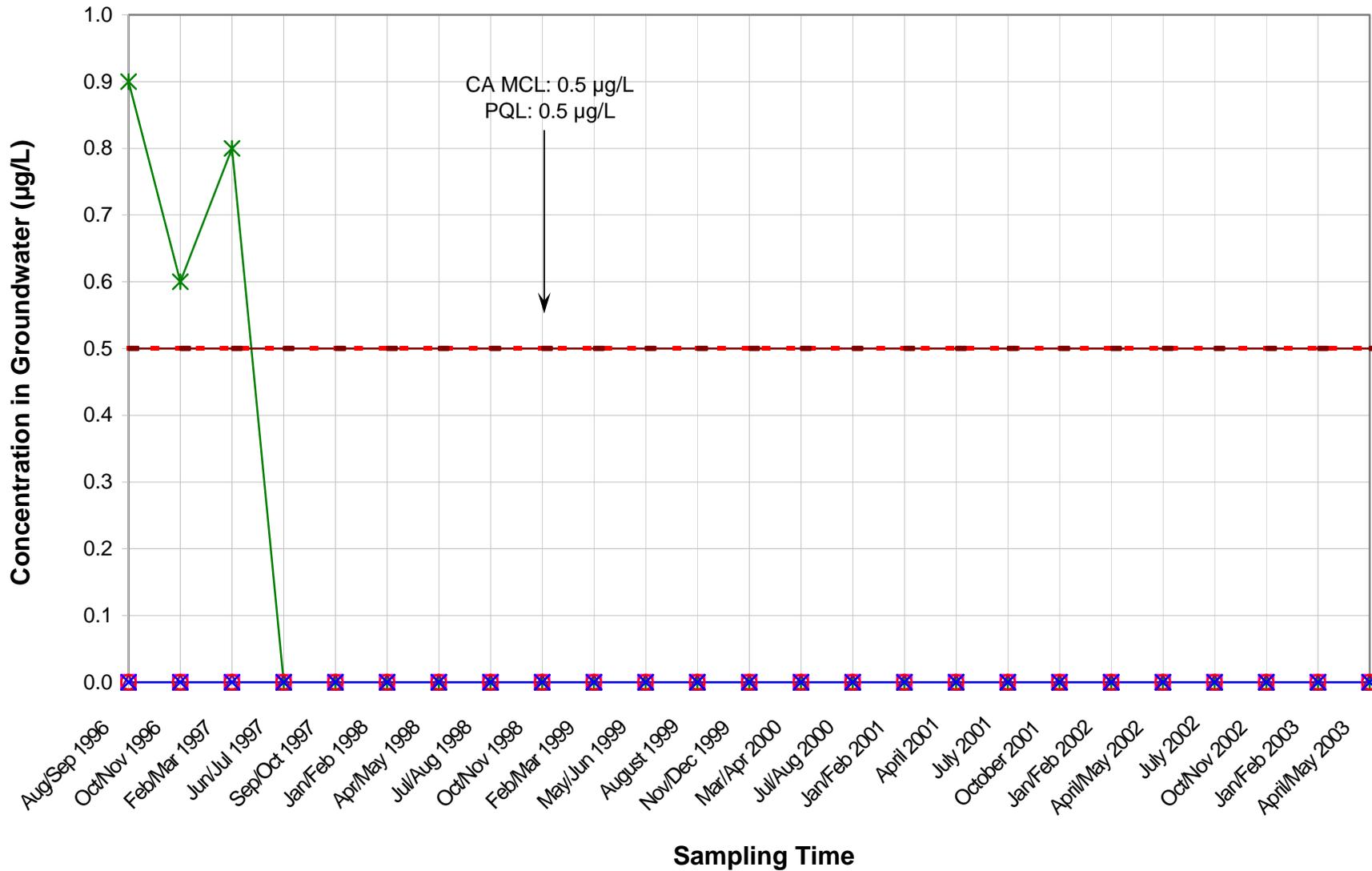
**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-16**  
**TRICHLOROETHENE DETECTED AT MW-4**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

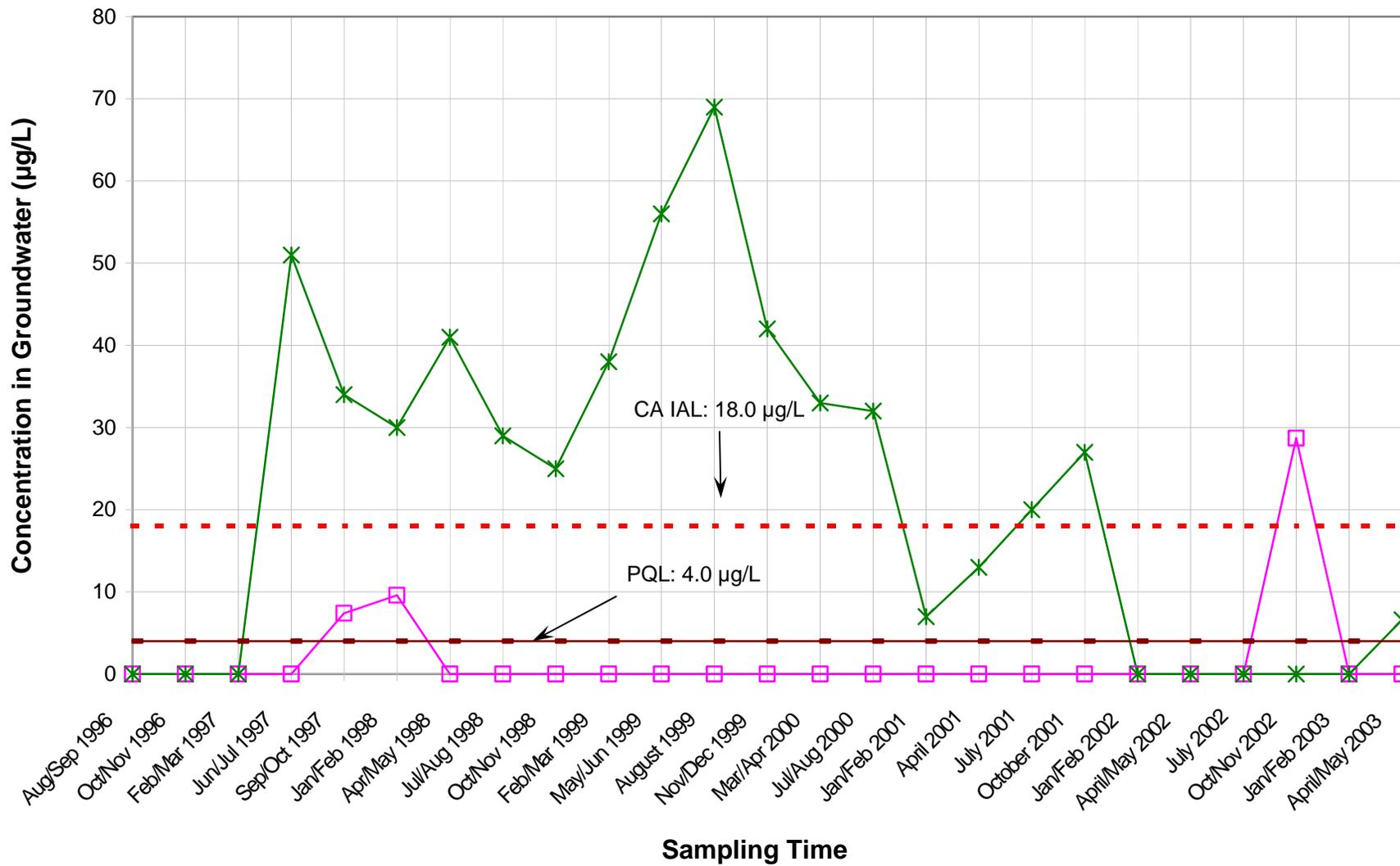
**Sampling Time**

**FIGURE 3-17**

1, 2-DCA DETECTED AT MW-4  
 FROM AUG/SEP 1996 TO APR/MAY 2003

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 Pasadena, California





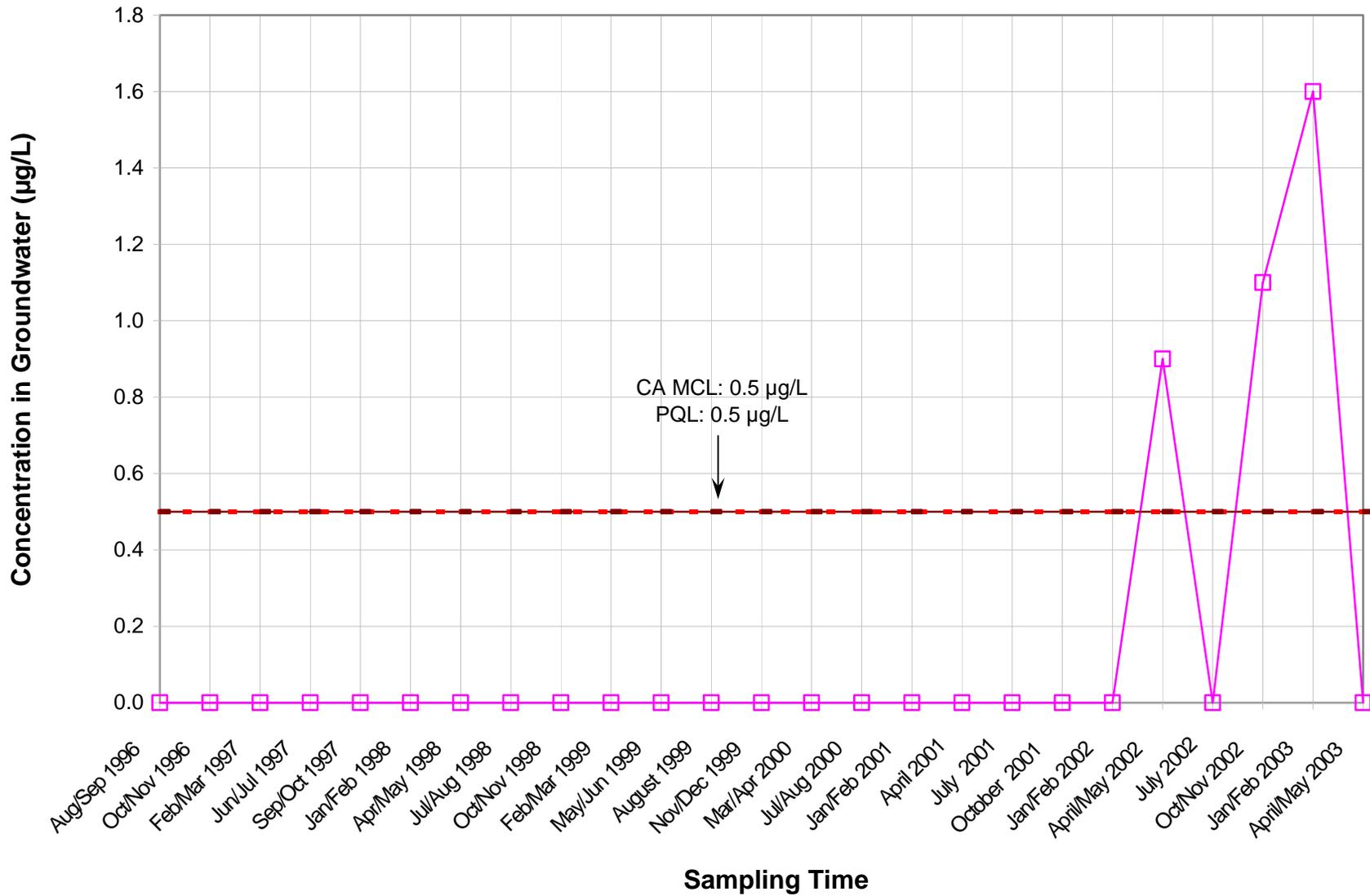
**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-18**  
**PERCHLORATE DETECTED AT MW-4**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

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 Pasadena, California



**Legend**

- Shallow Well
- PQL
- - - CA IAL

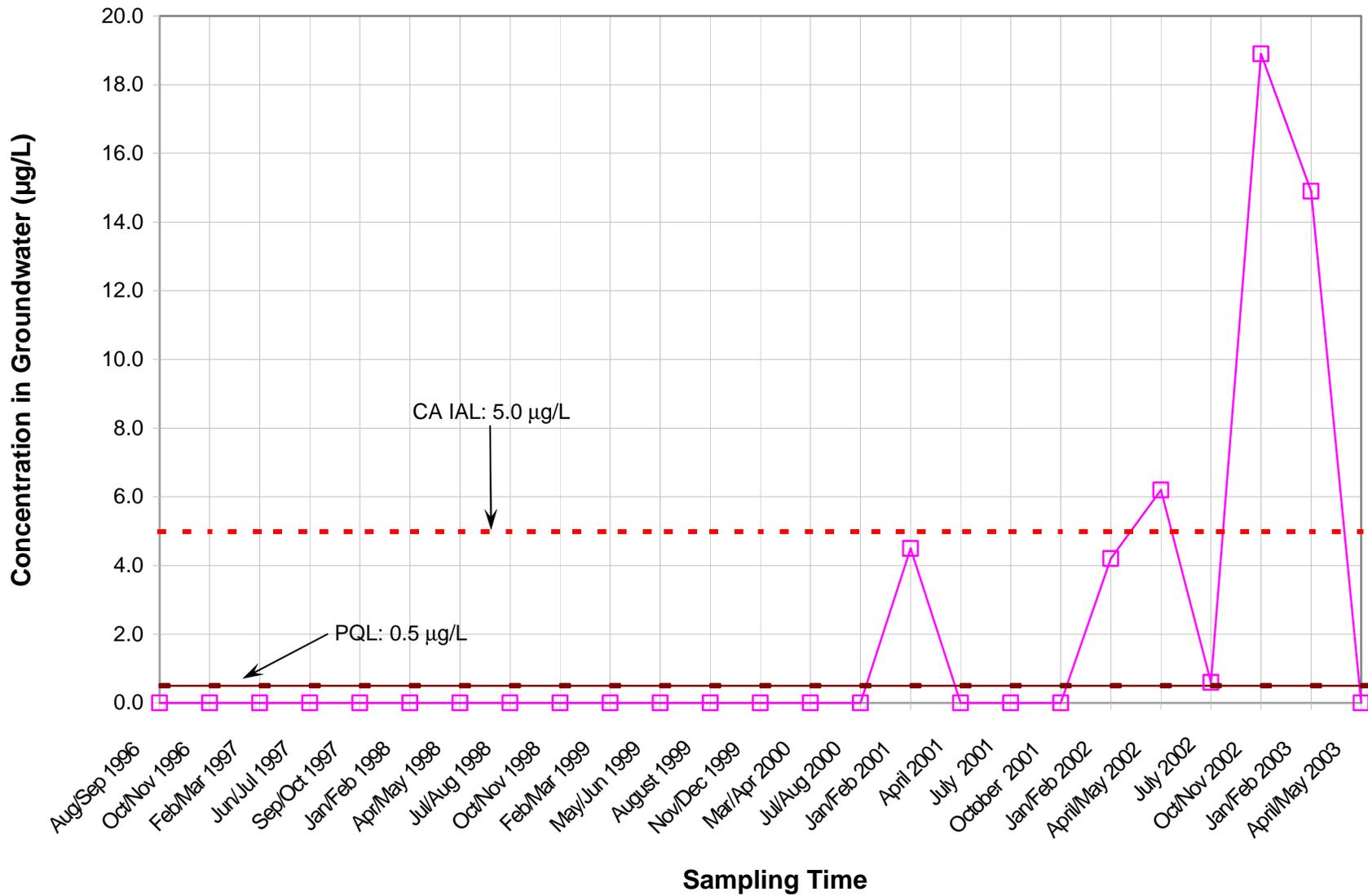
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-19**

**CARBON TETRACHLORIDE DETECTED AT MW-5  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

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 Pasadena, California





**Legend**

- Shallow Well
- PQL
- - - CA IAL

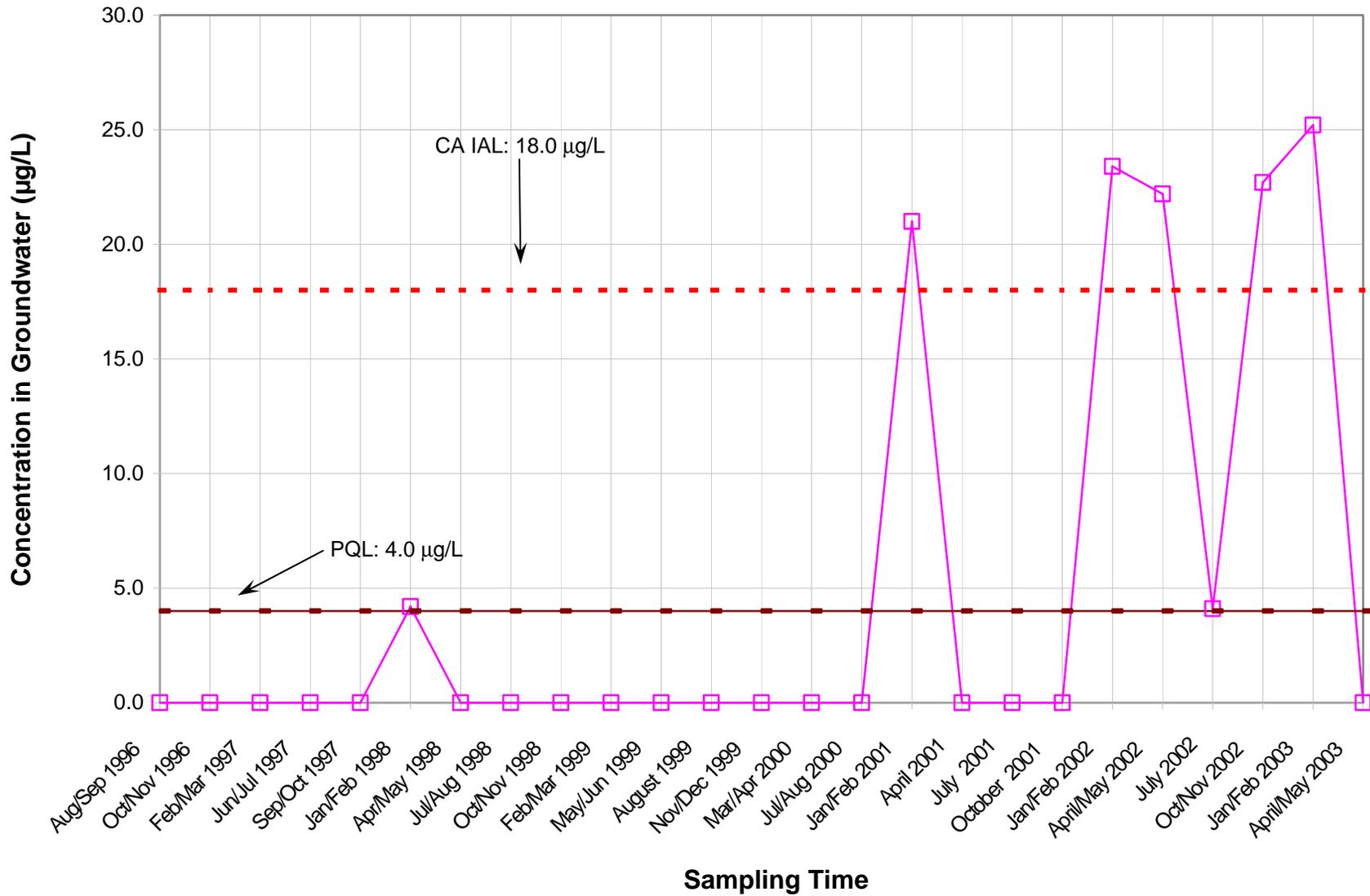
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-20**

TRICHLOROETHENE DETECTED AT MW-5  
 FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
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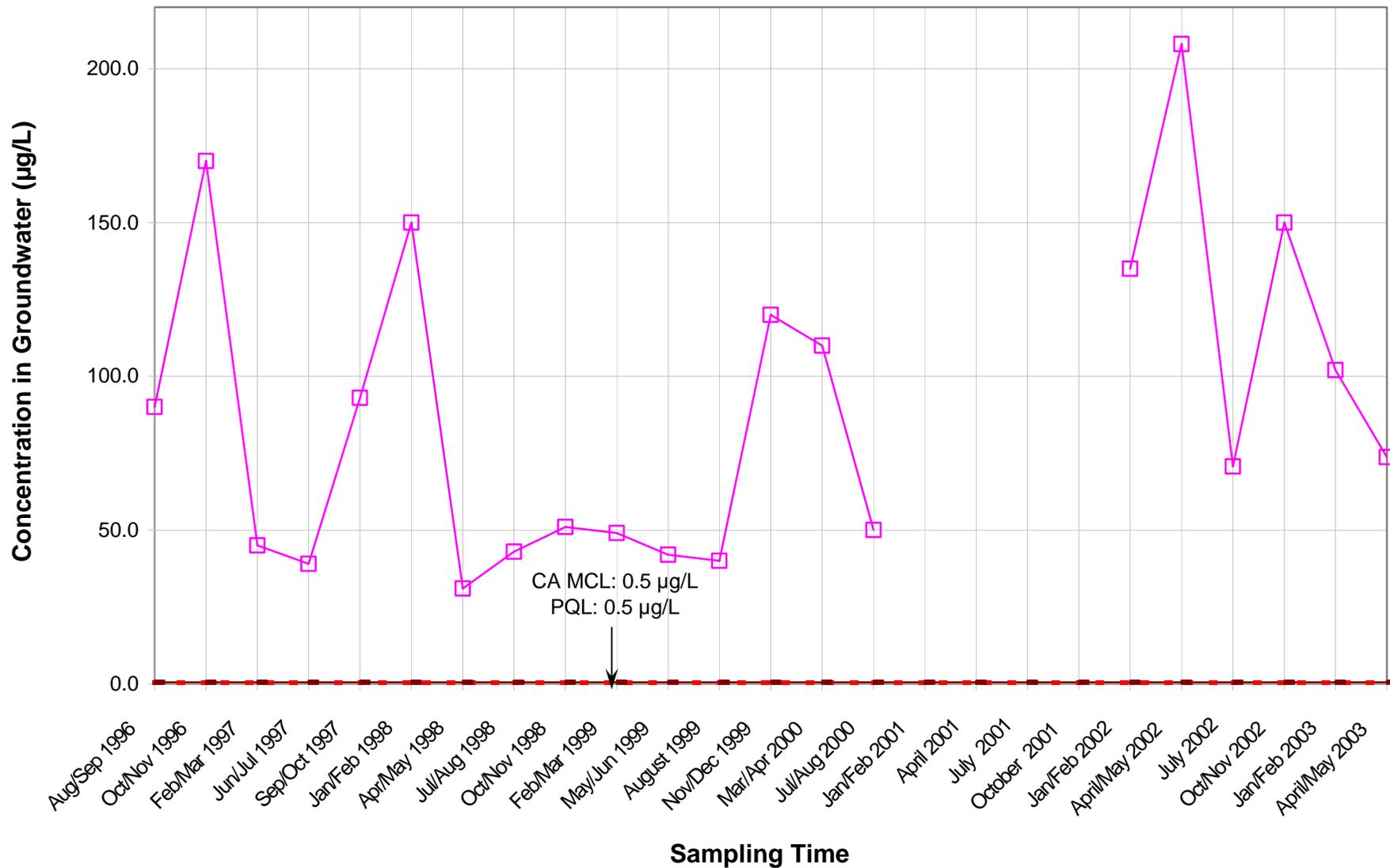


**Legend**

- Shallow Well
- PQL
- - - CA IAL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

<b>FIGURE 3-21</b>
<b>PERCHLORATE DETECTED AT MW-5 FROM AUG/SEP 1996 TO APR/MAY 2003</b>
Jet Propulsion Laboratory Pasadena, California
<b>GEOFON</b> <small>INCORPORATED</small>



**Legend**

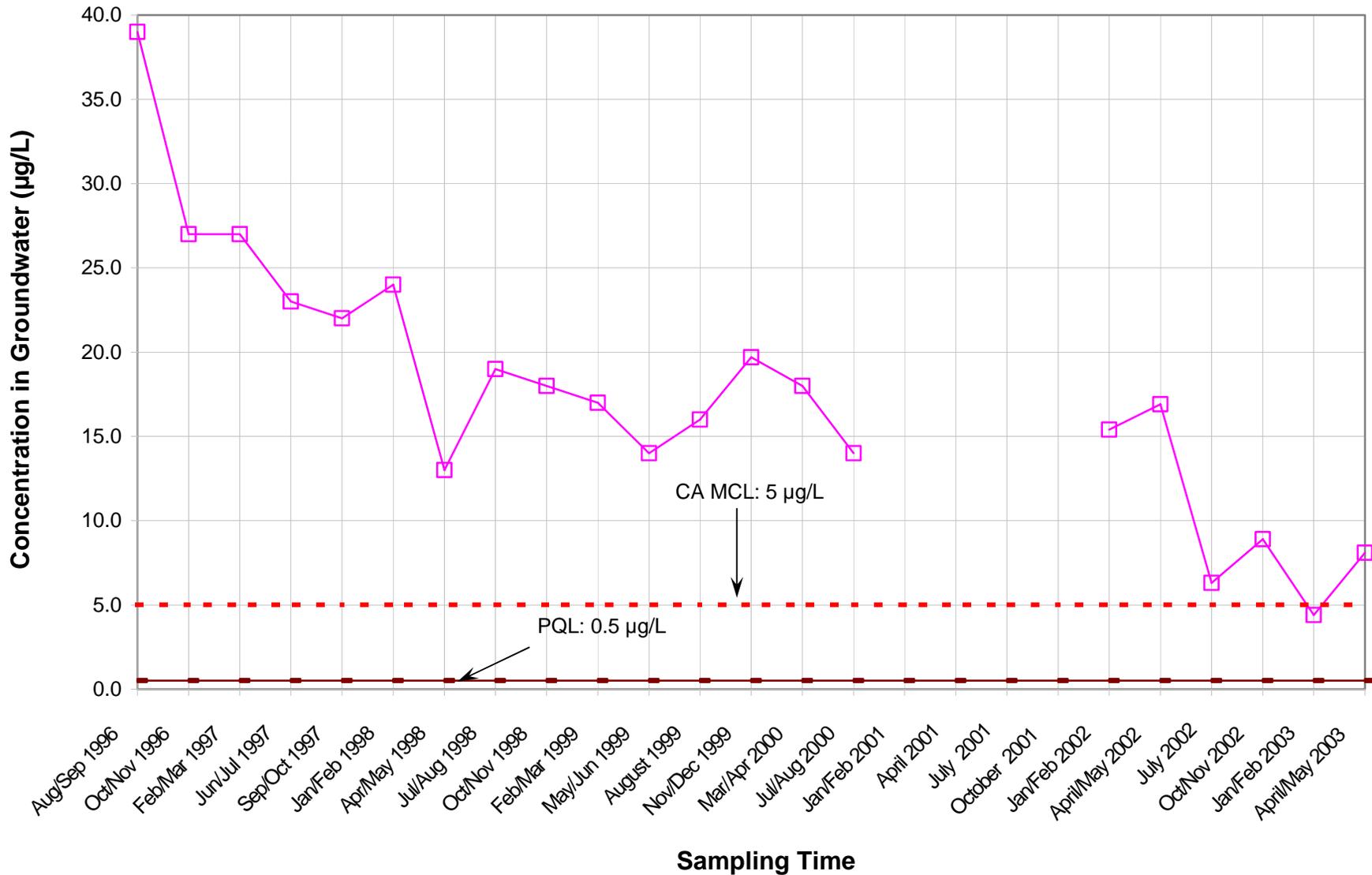
—□— Shallow Well    —●— PQL    - - - CA MCL

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 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-22**  
**CARBON TETRACHLORIDE DETECTED AT MW-7**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

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

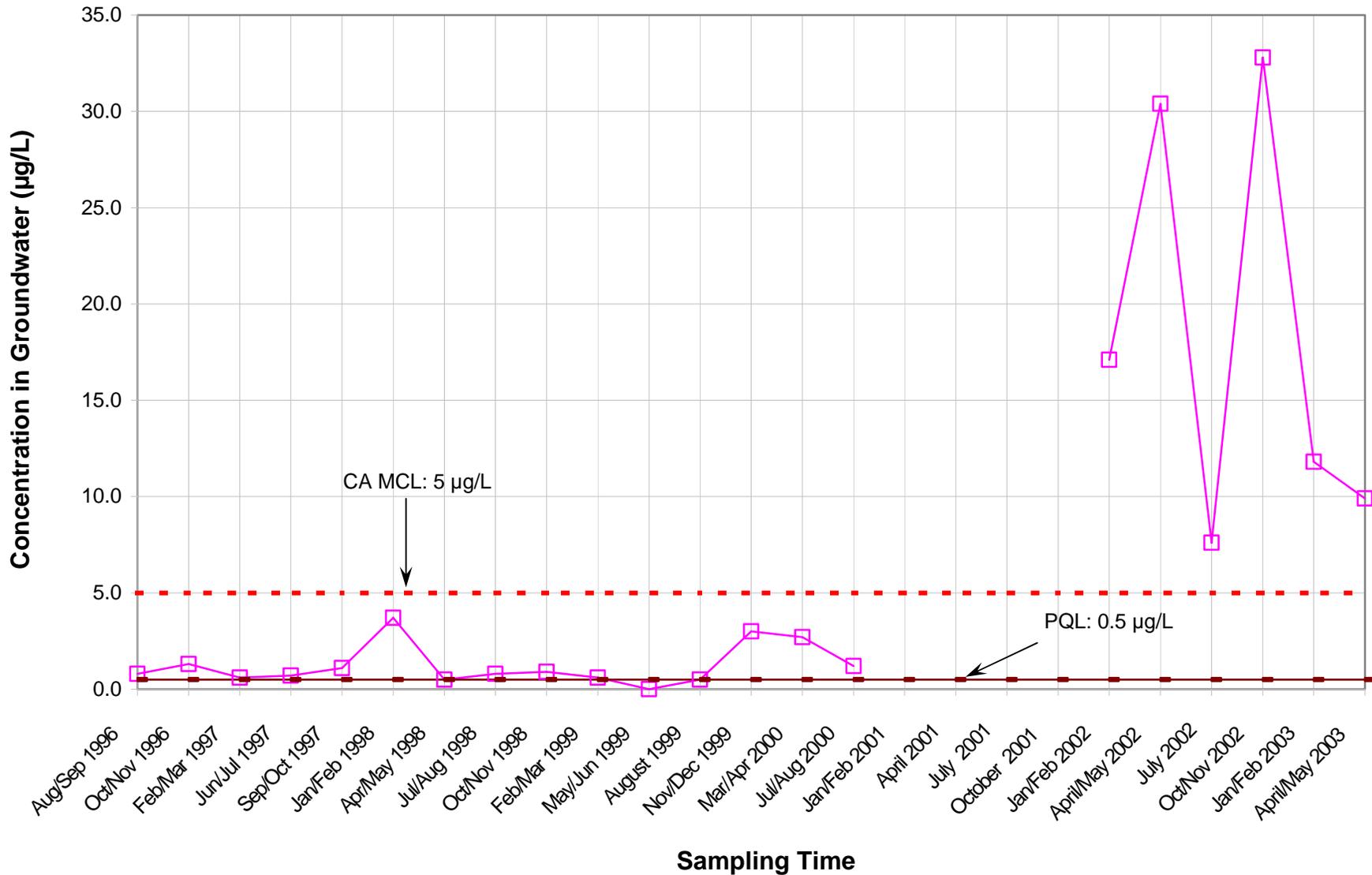
No sample was collected during Jan/Feb, April, July, and October 2001 events due to the ongoing Pilot Test at MW-7 (Reference US Filter Pilot Test Report for current water quality data).  
 Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-23**

**TRICHLOROETHENE DETECTED AT MW-7  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





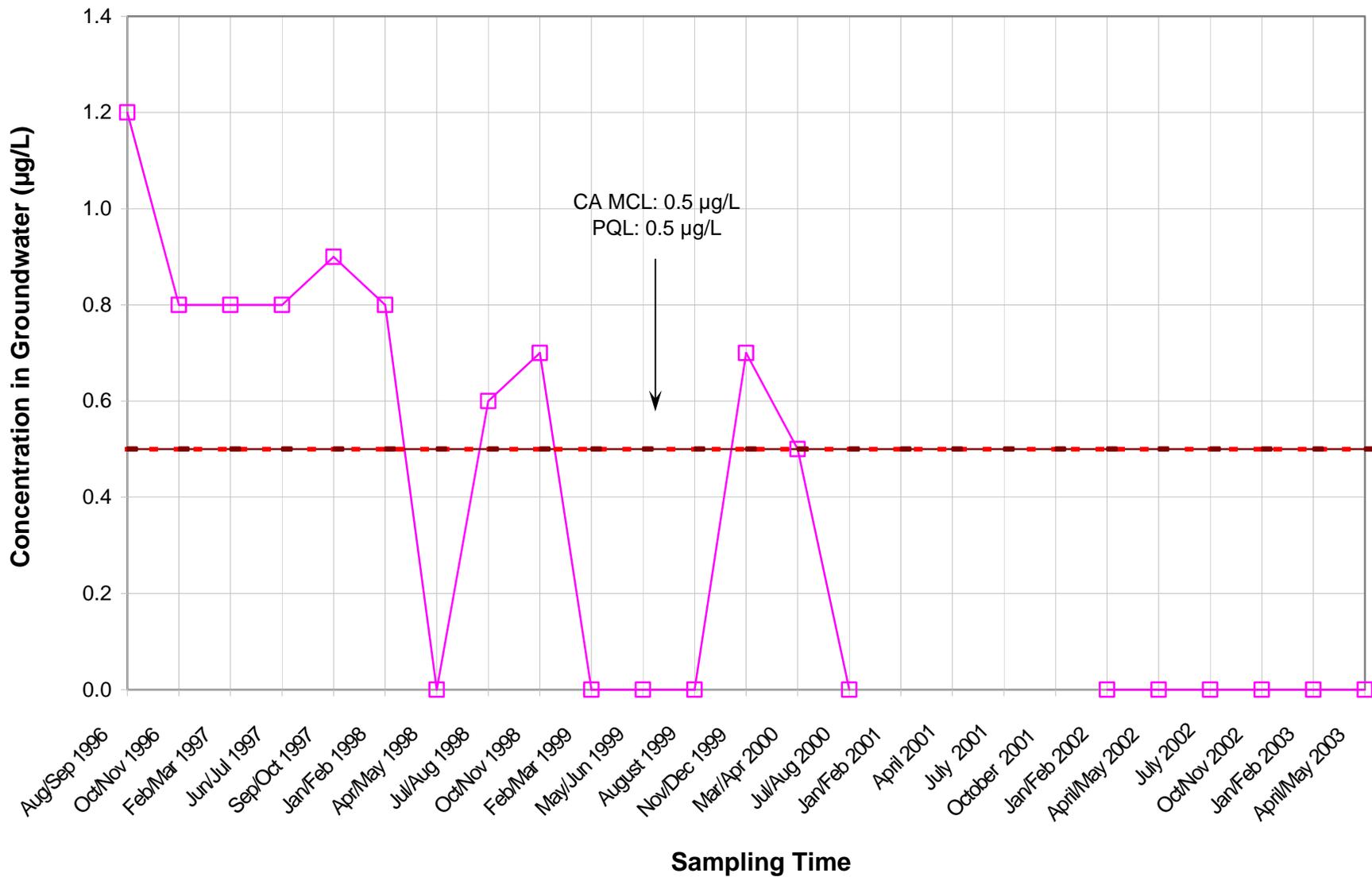
**Legend**

- Shallow Well
- PQL
- - - CA MCL

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 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-24**  
**TETRACHLOROETHENE DETECTED AT MW-7**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

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

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 was obtained from Foster Wheeler Reports.

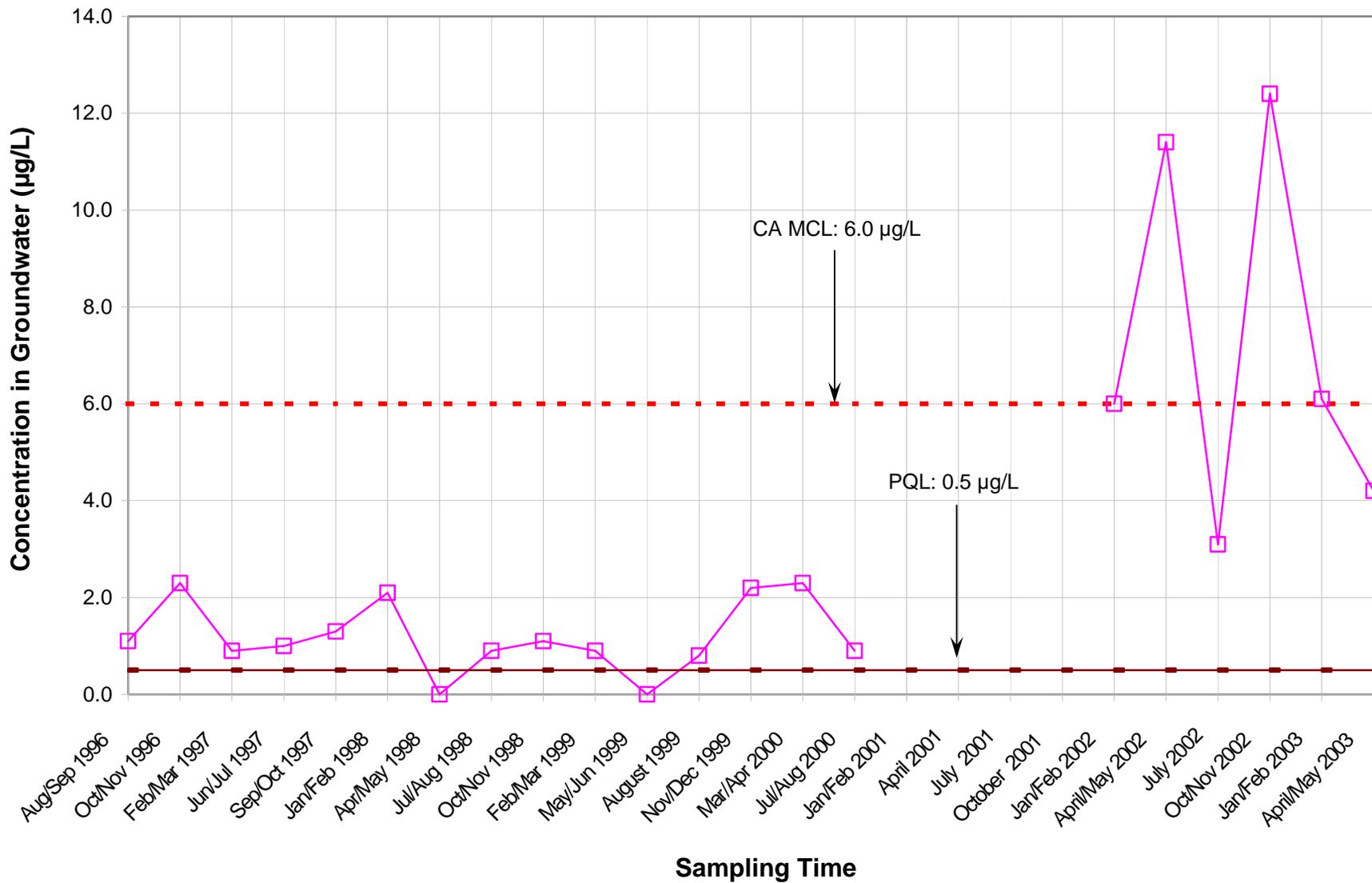
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-25**

**1, 2-DCA DETECTED AT MW-7  
FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
Pasadena, California



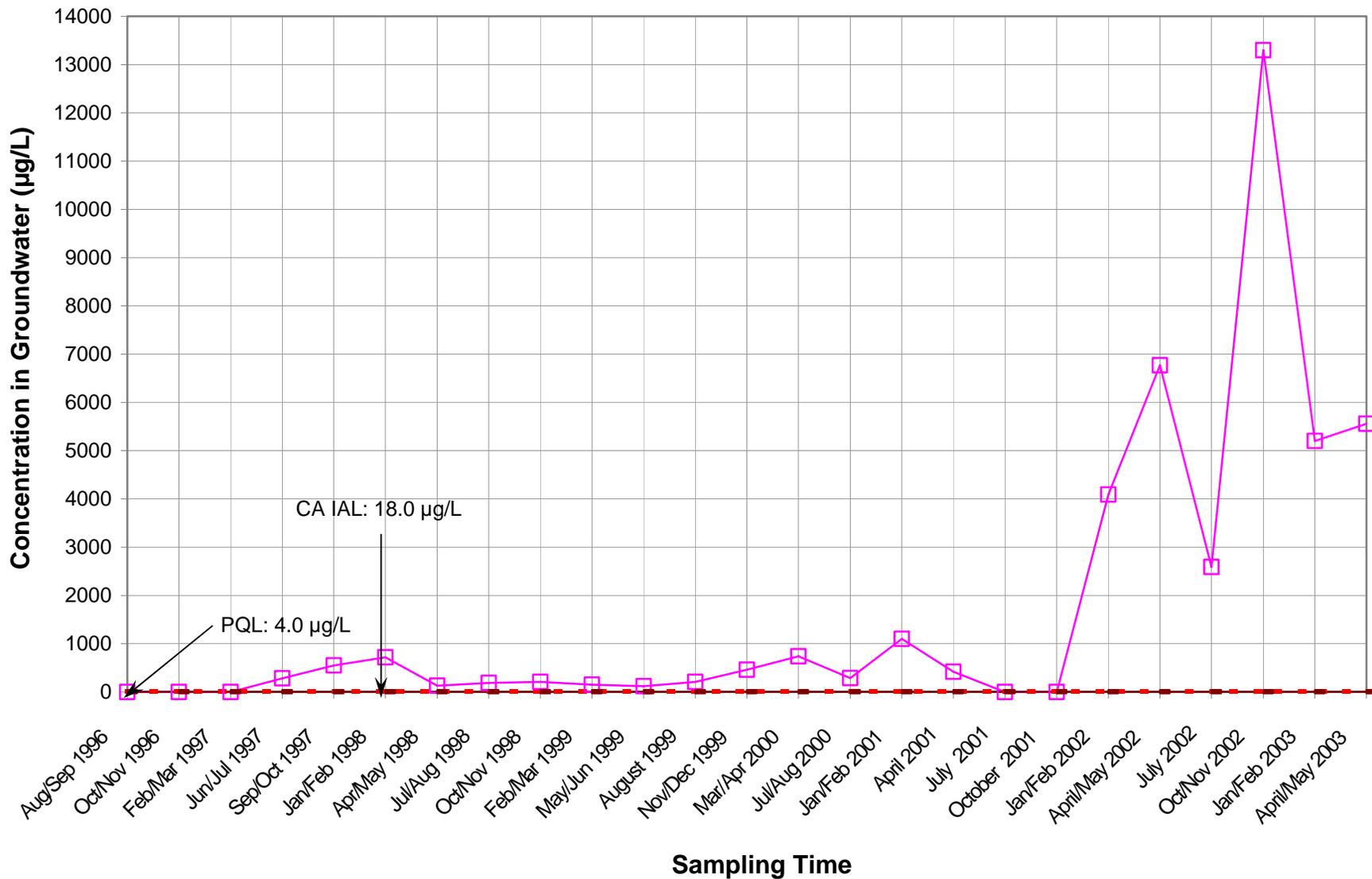


**Legend**

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

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 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

<b>FIGURE 3-26</b>
<b>1, 1-DCE DETECTED AT MW-7 FROM AUG/SEP 1996 TO APR/MAY 2003</b>
Jet Propulsion Laboratory Pasadena, California

**Legend**

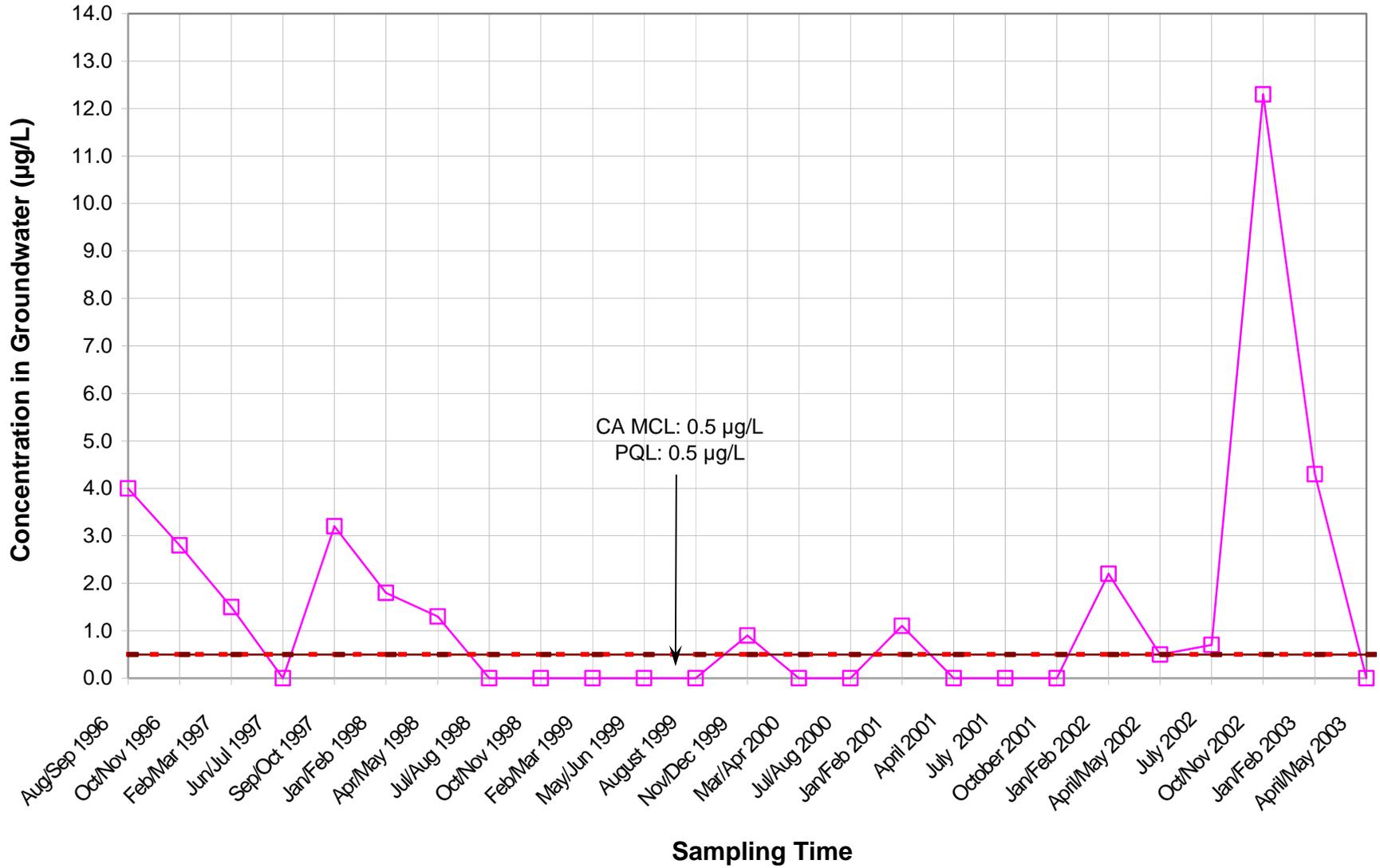
—□— Shallow Well    —●— PQL    - - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-27**  
**PERCHLORATE DETECTED AT MW-7**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

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

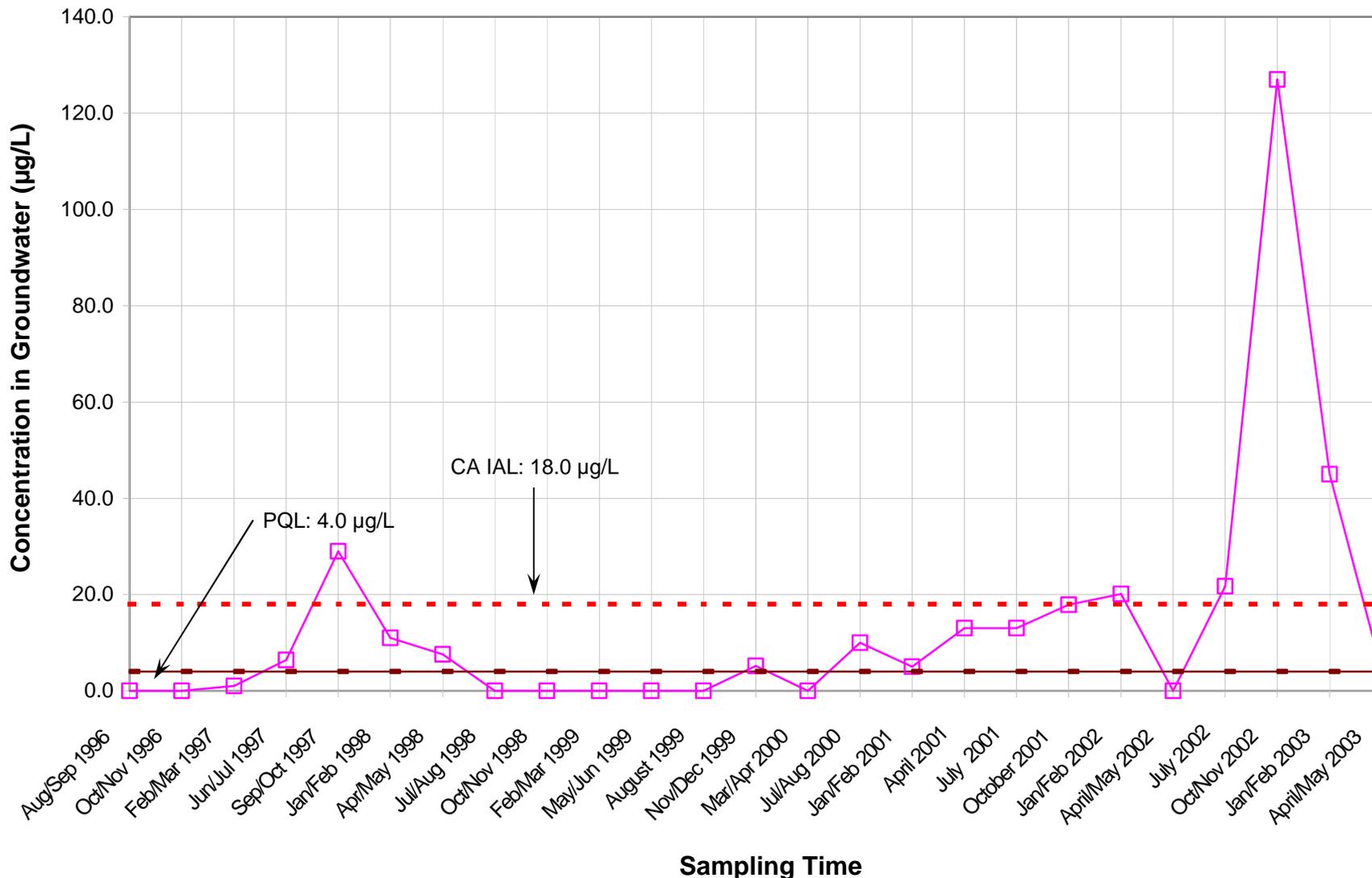
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-28**

**CARBON TETRACHLORIDE DETECTED AT MW-8  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

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

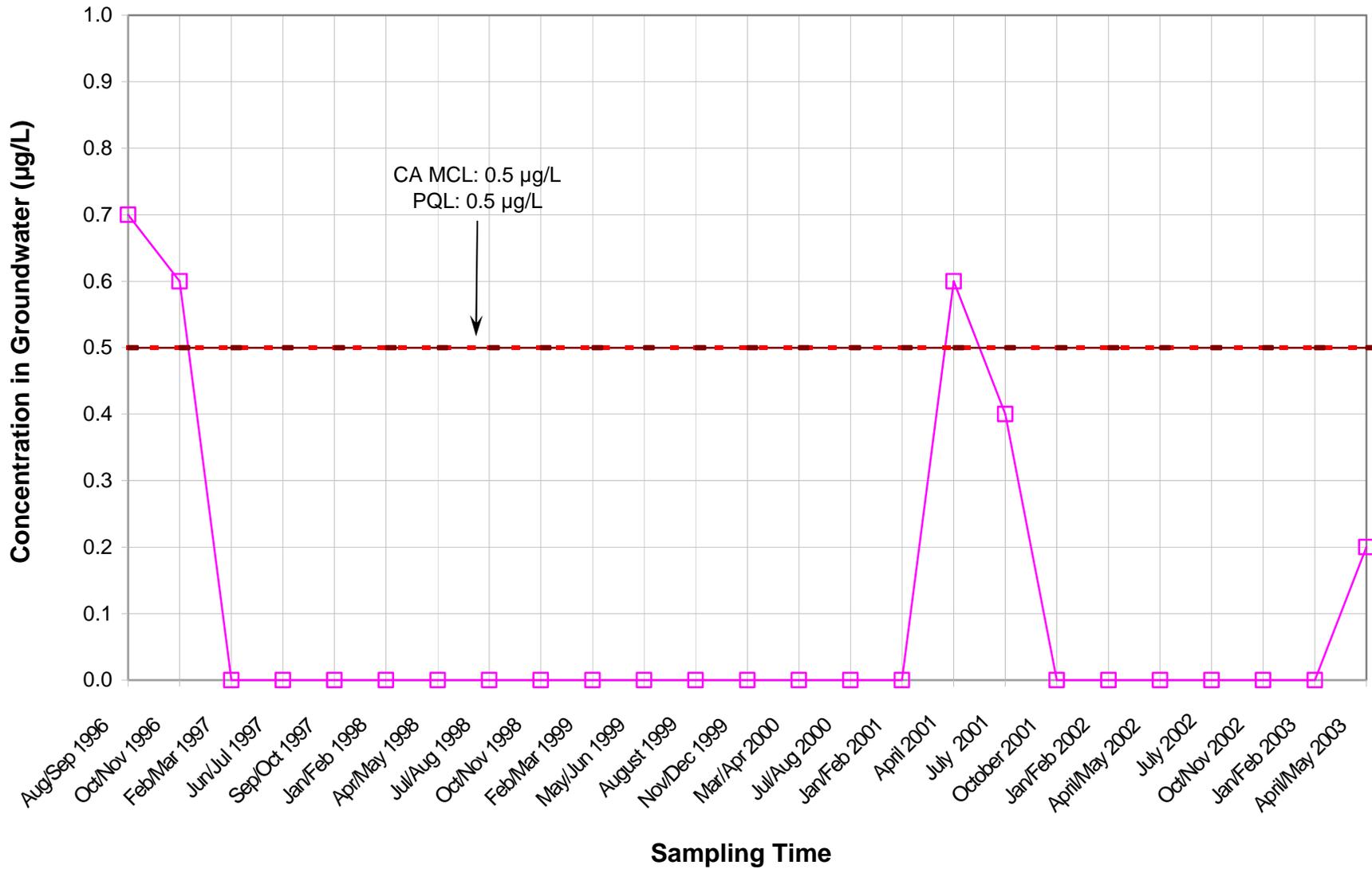
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-29**

**PERCHLORATE DETECTED AT MW-8  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





CA MCL: 0.5 µg/L  
PQL: 0.5 µg/L

**Legend**

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

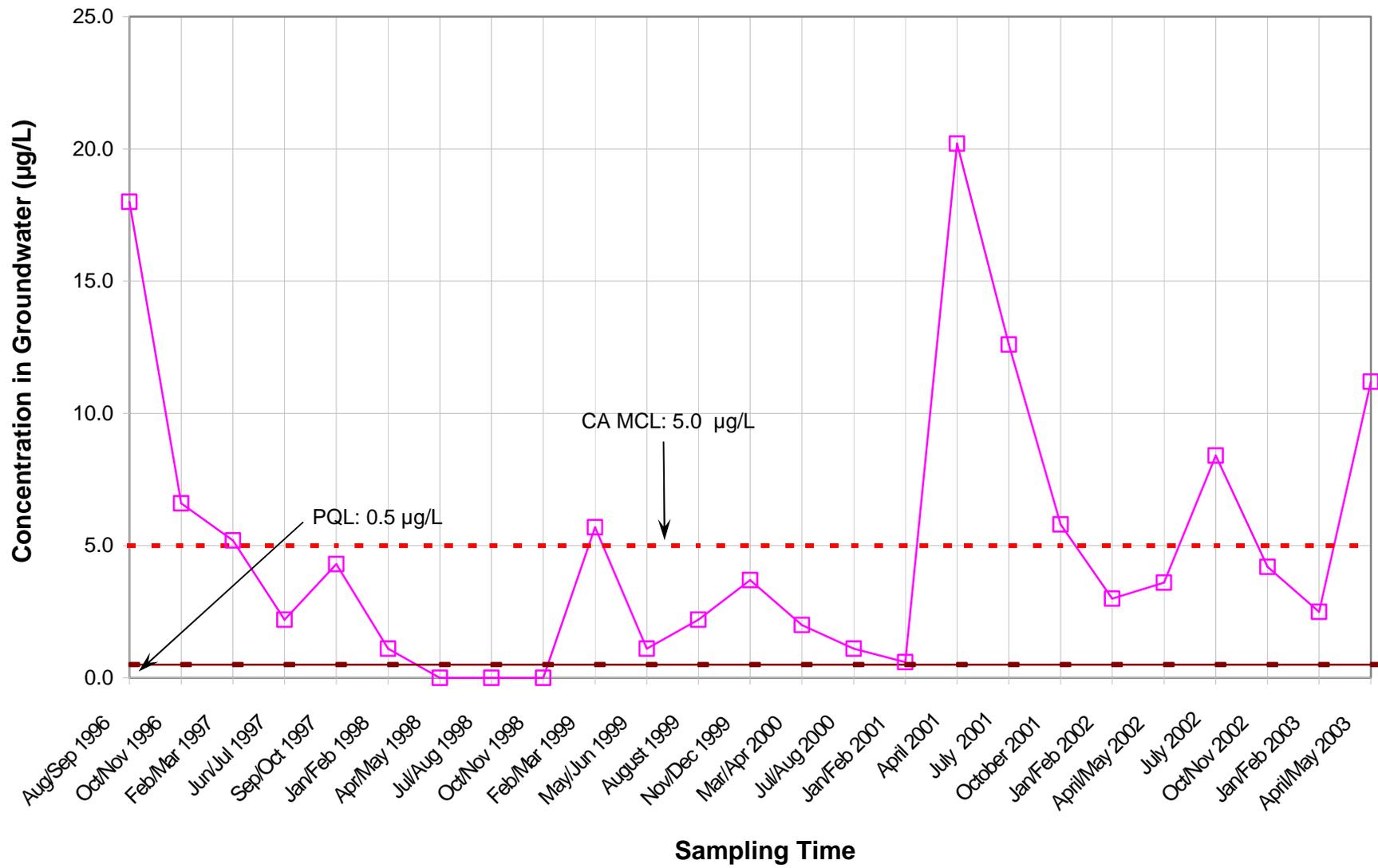
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-30**

**CARBON TETRACHLORIDE DETECTED AT MW-10  
FROM AUG/SEP 1996 TO APR/MAY 2003**

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Pasadena, California





**Legend**

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

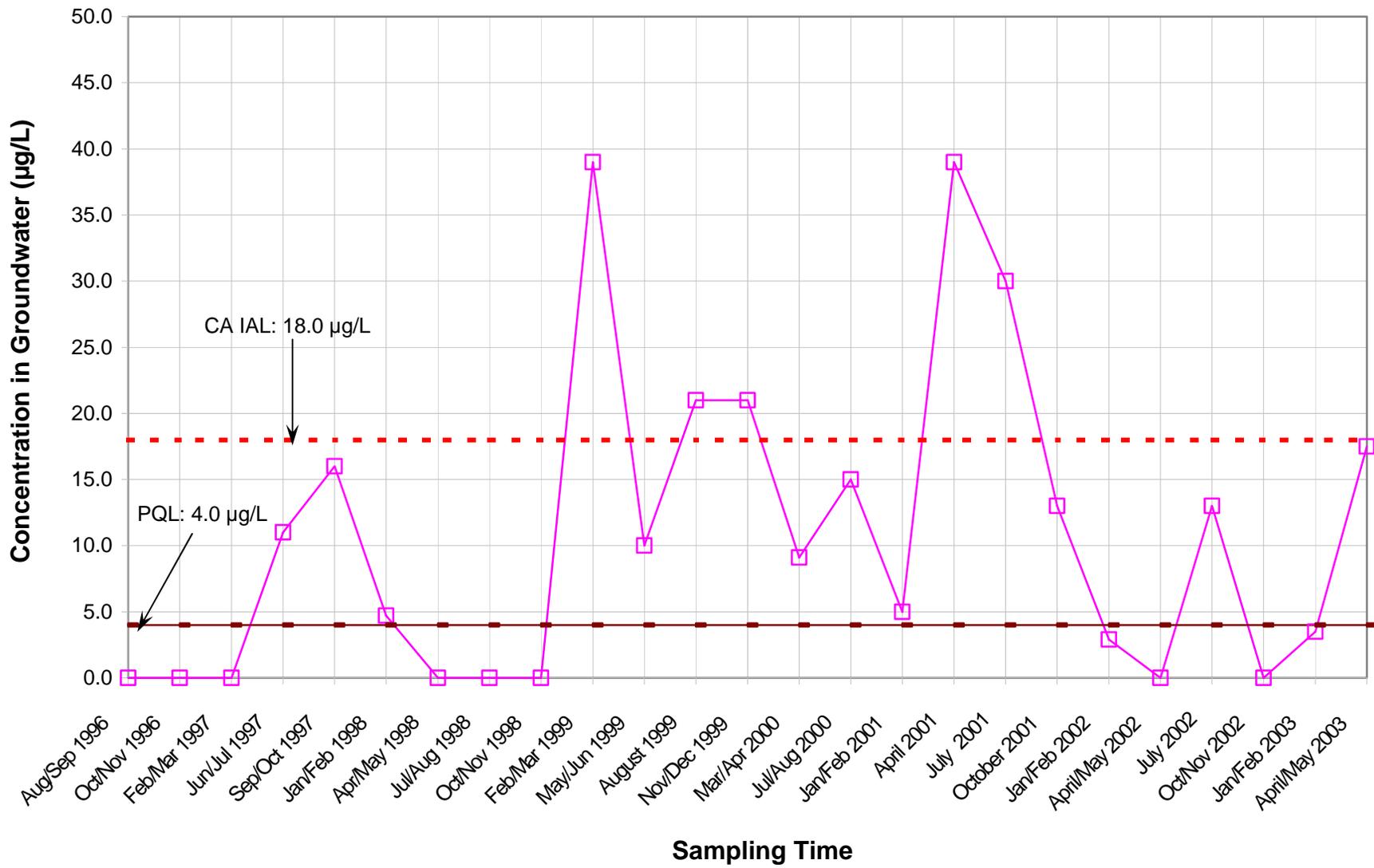
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-31**

TRICHLOROETHENE DETECTED AT MW-10  
 FROM AUG/SEP 1996 TO APR/MAY 2003

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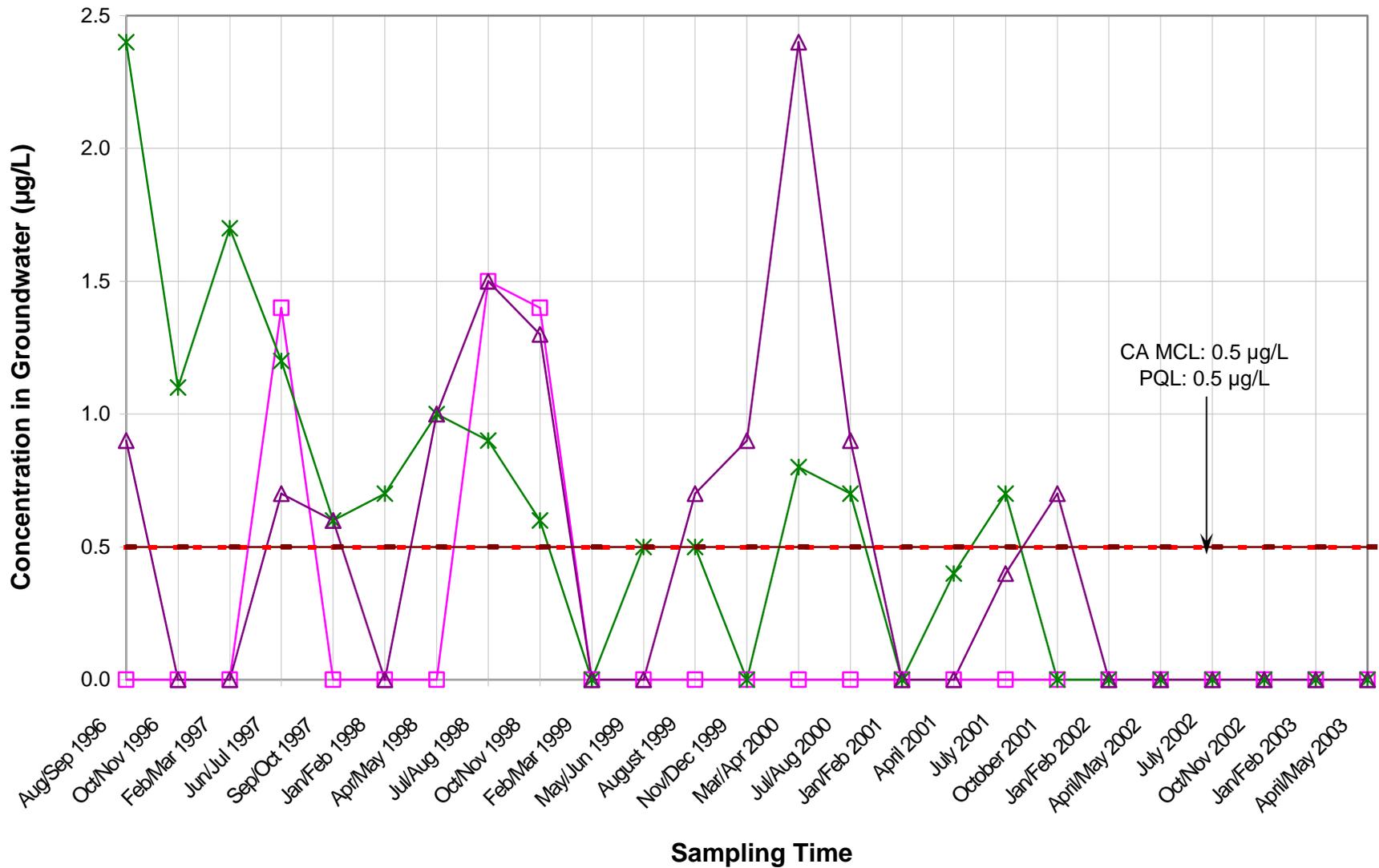


**Legend**

- Shallow Well
- PQL
- - - CA IAL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

<b>FIGURE 3-32</b>
<b>PERCHLORATE DETECTED AT MW-10 FROM AUG/SEP 1996 TO APR/MAY 2003</b>
Jet Propulsion Laboratory Pasadena, California

CA MCL: 0.5 µg/L  
PQL: 0.5 µg/L

**Legend**

- Screen 1
- \*— Screen 2
- △— Screen 3
- PQL
- - - CA MCL

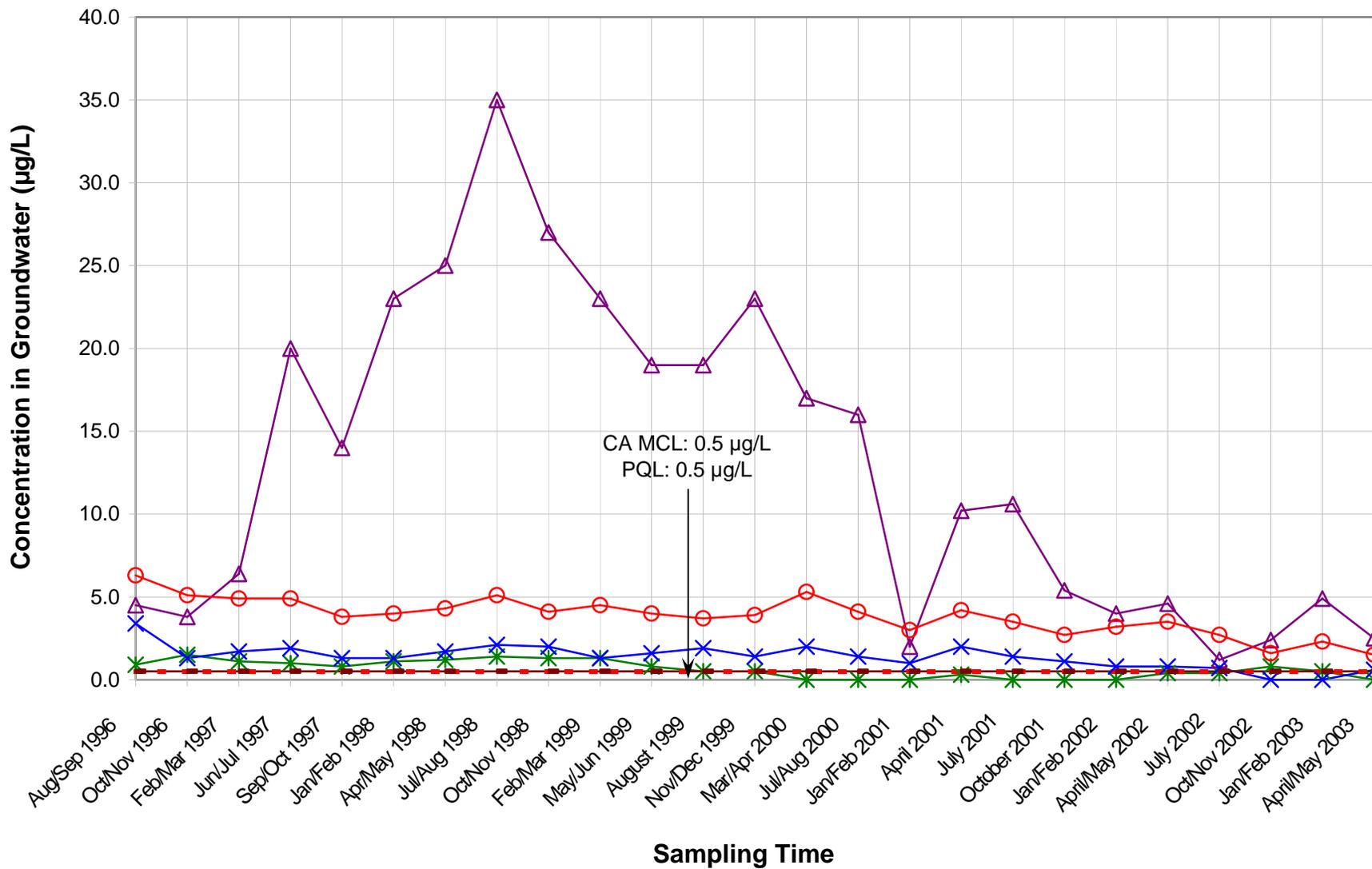
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports

**FIGURE 3-33**

**CARBON TETRACHLORIDE DETECTED AT MW-11  
FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
Pasadena, California





**Legend**

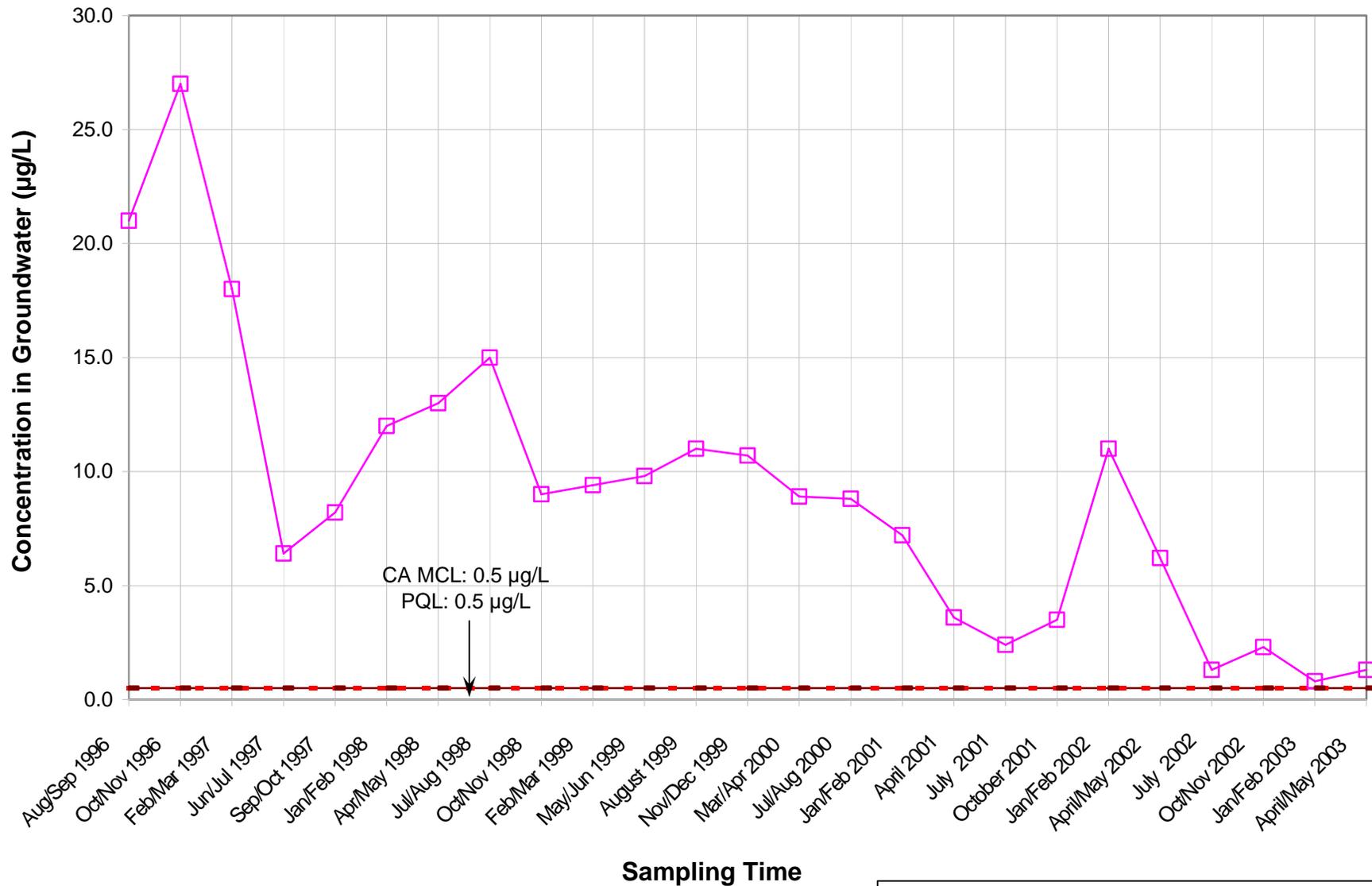
- \*— Screen 2
- x— Screen 5
- △— Screen 3
- Screen 4
- PQL
- - - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-34**  
**CARBON TETRACHLORIDE DETECTED AT MW-12**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

- Shallow Well
- PQL
- - - CA MCL

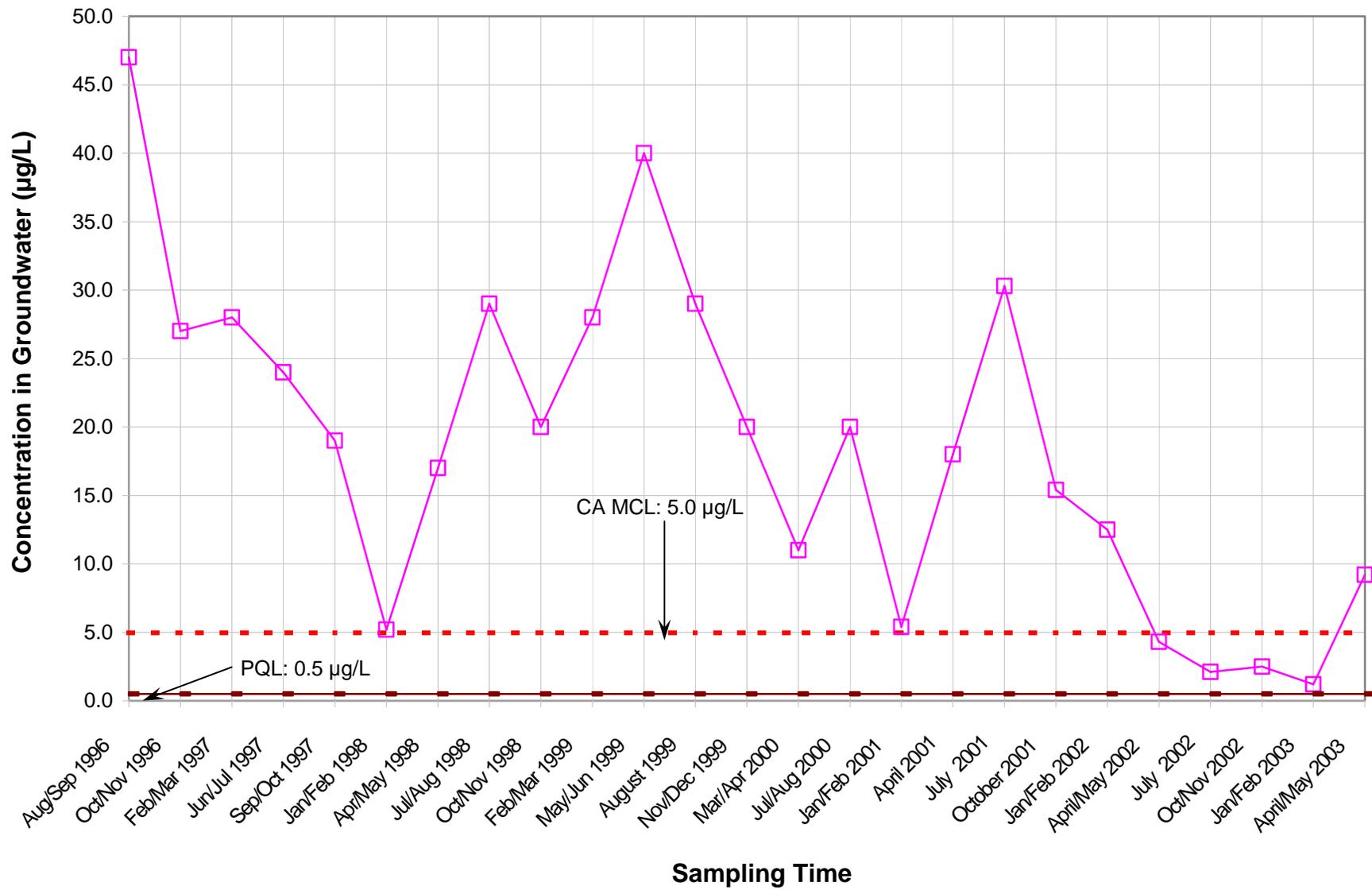
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-35**

**CARBON TETRACHLORIDE DETECTED AT MW-13  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





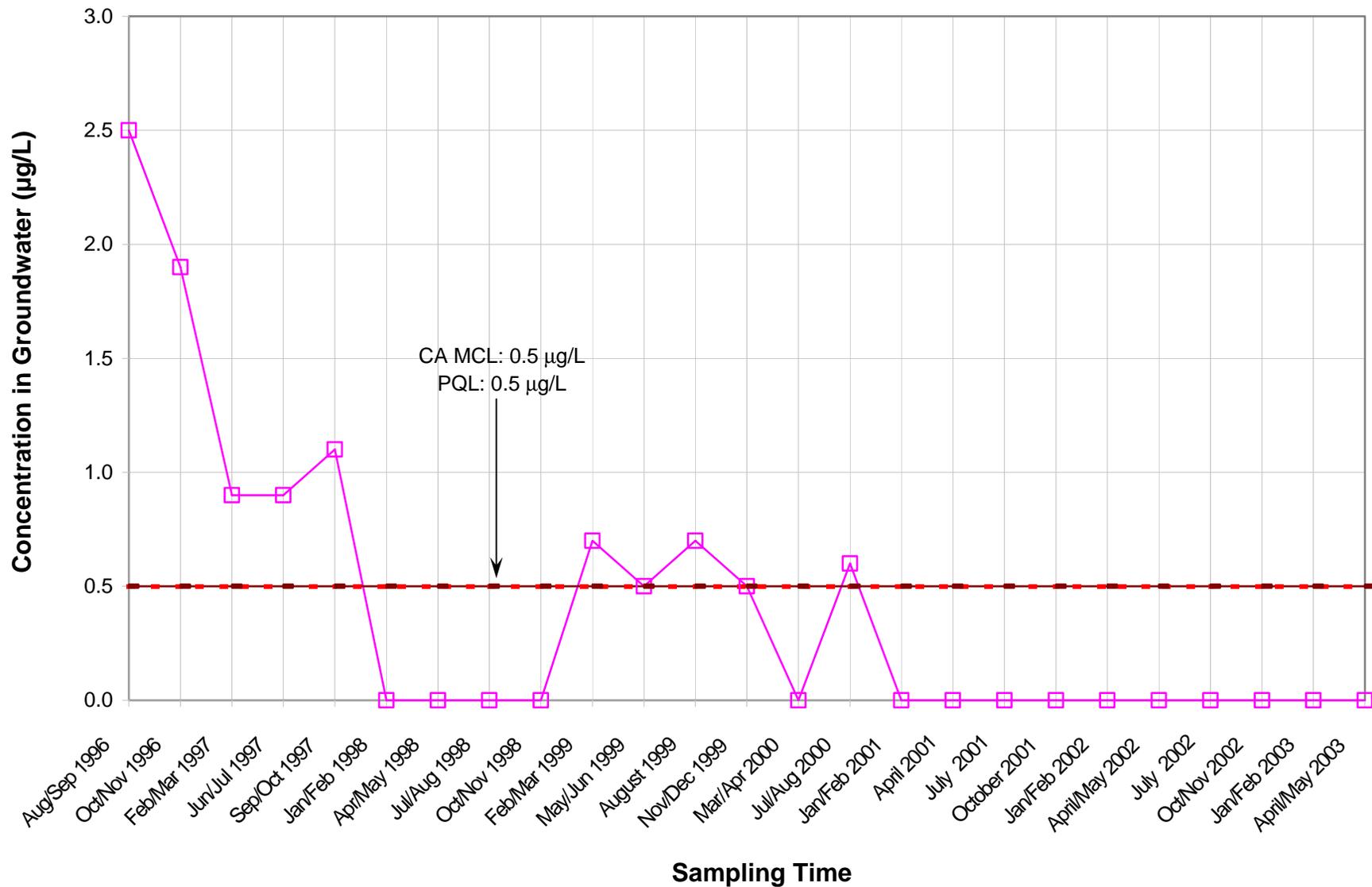
**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-36**  
**TRICHLOROETHENE DETECTED AT MW-13**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

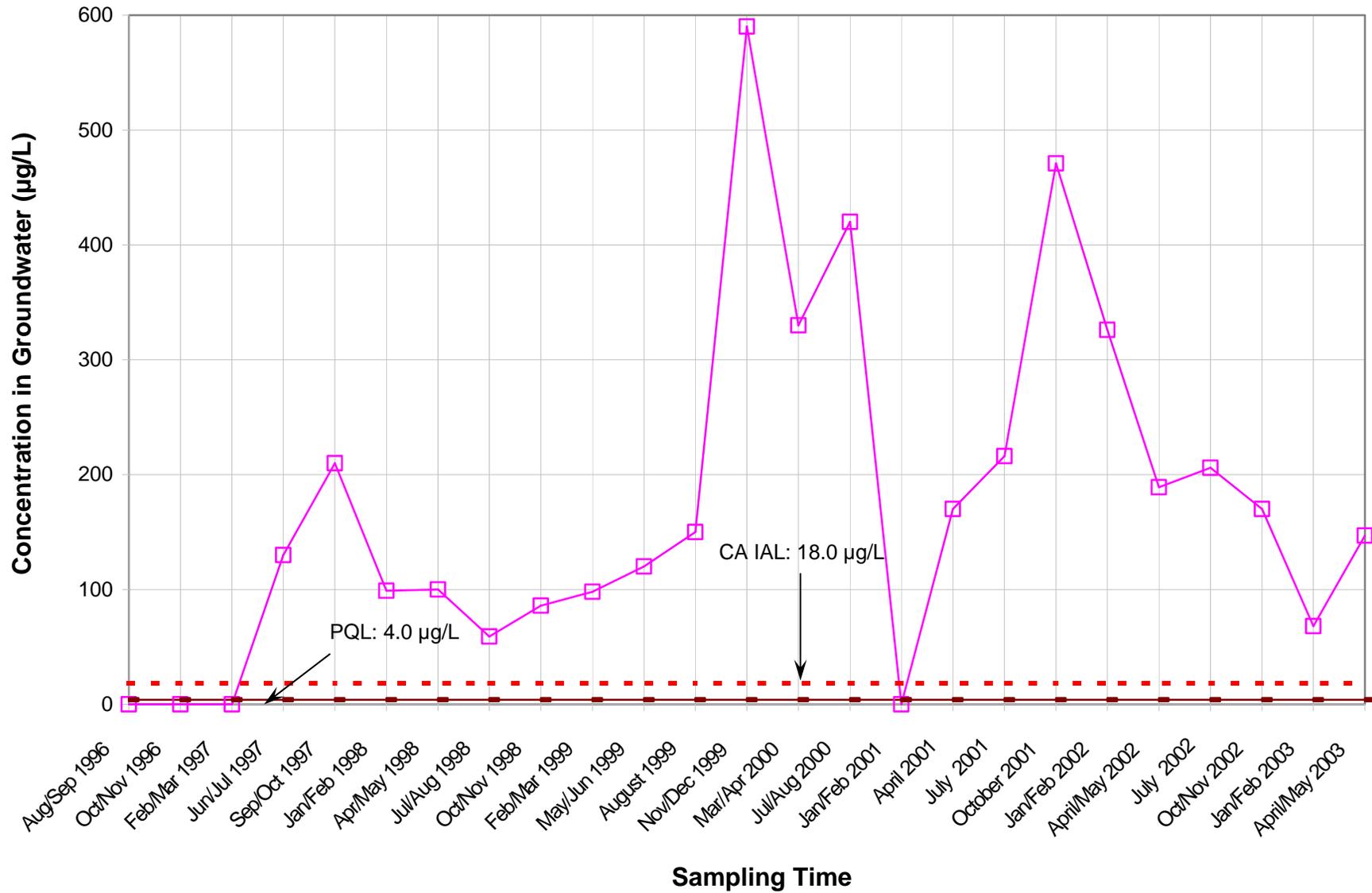
- Shallow Well
- PQL
- - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-37**  
1,2-DCA DETECTED AT MW-13  
FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
Pasadena, California





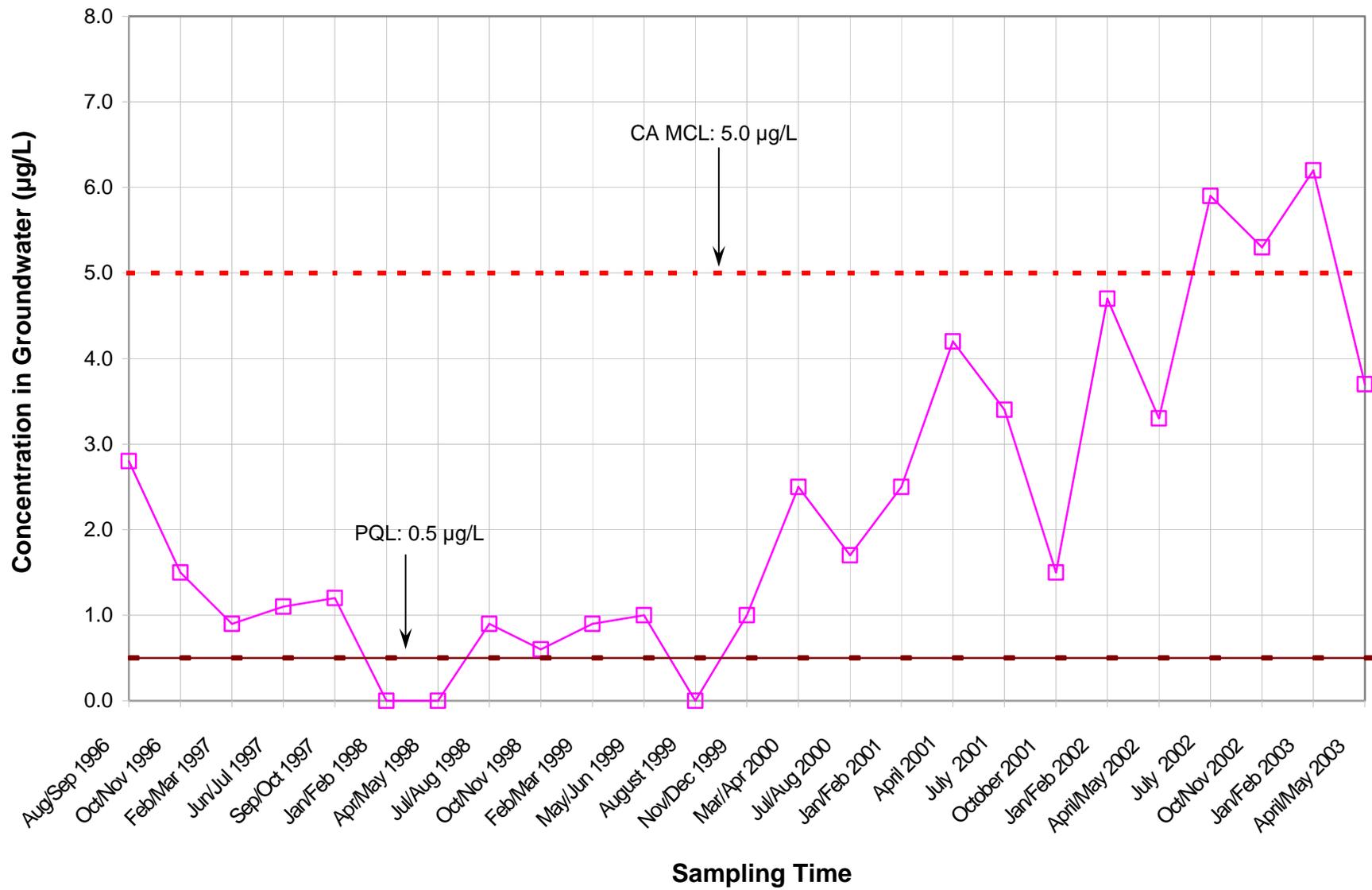
**Legend**

- Shallow Well
- PQL
- - - CA IAL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-38**  
**PERCHLORATE DETECTED AT MW-13**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

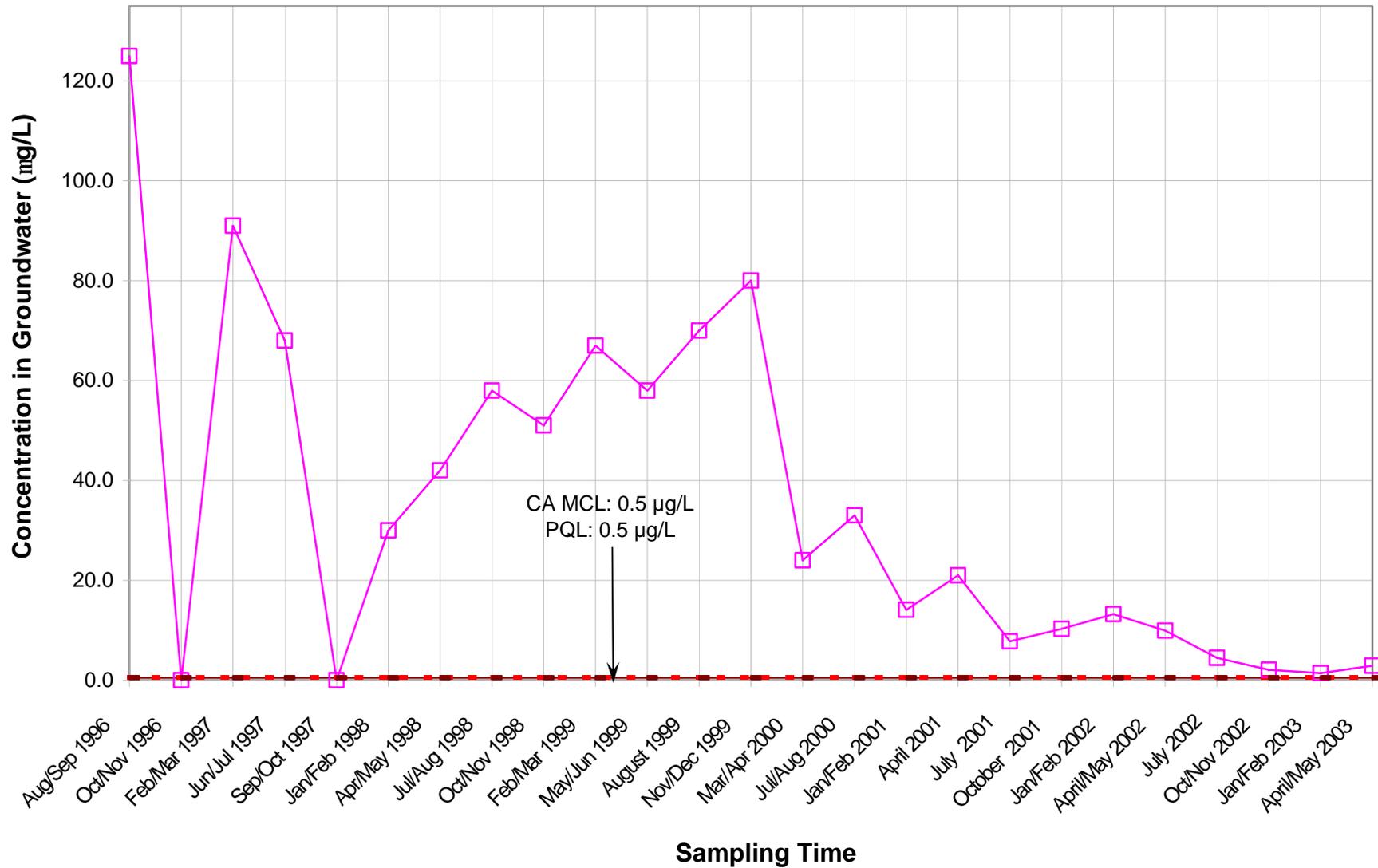
- Screen 2
- PQL
- - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-39**  
**TRICHLOROETHENE DETECTED AT MW-14**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





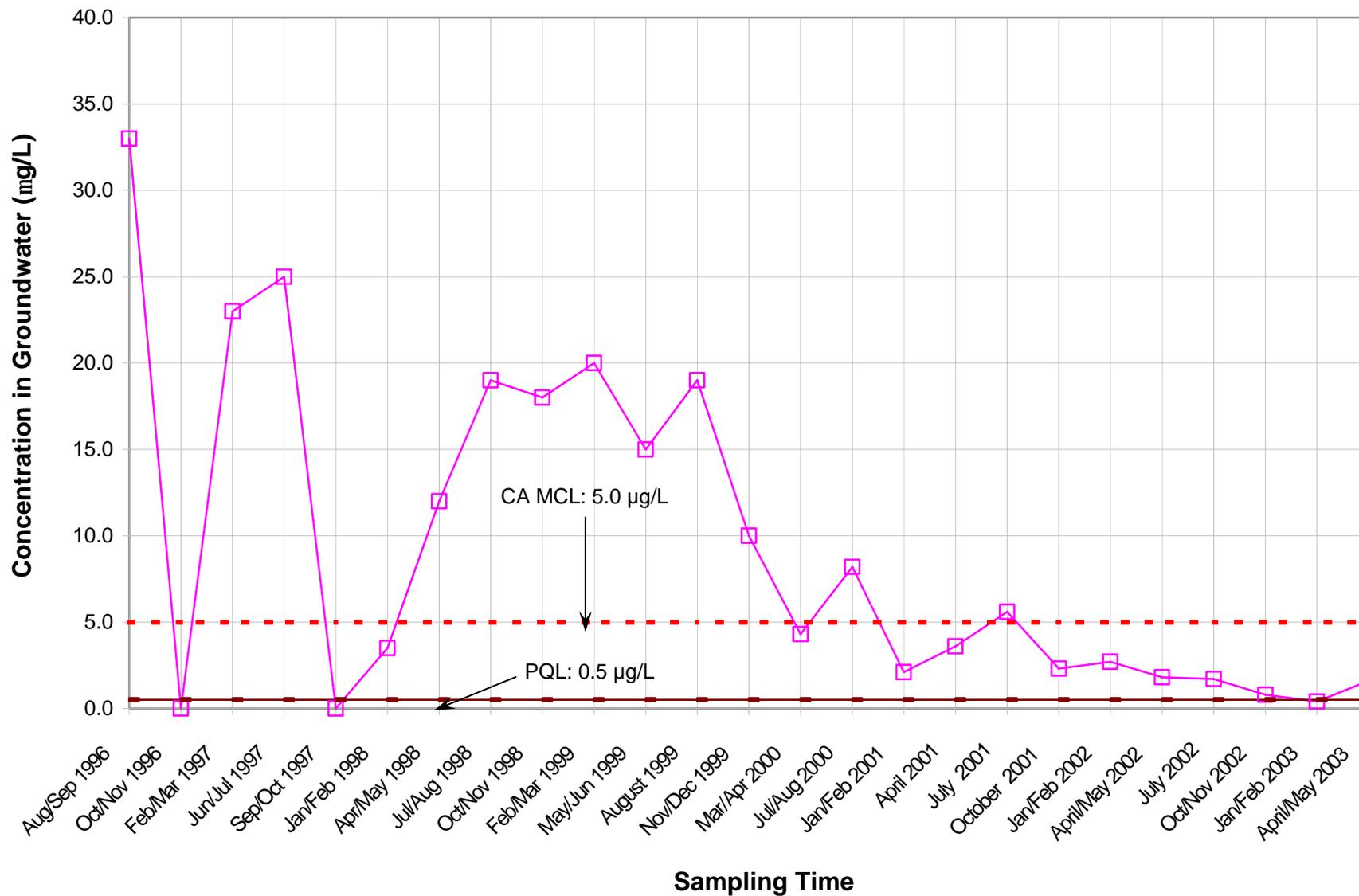
**Legend**

- Shallow Well
- PQL
- - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-40**  
**CARBON TETRACHLORIDE DETECTED AT MW-16**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

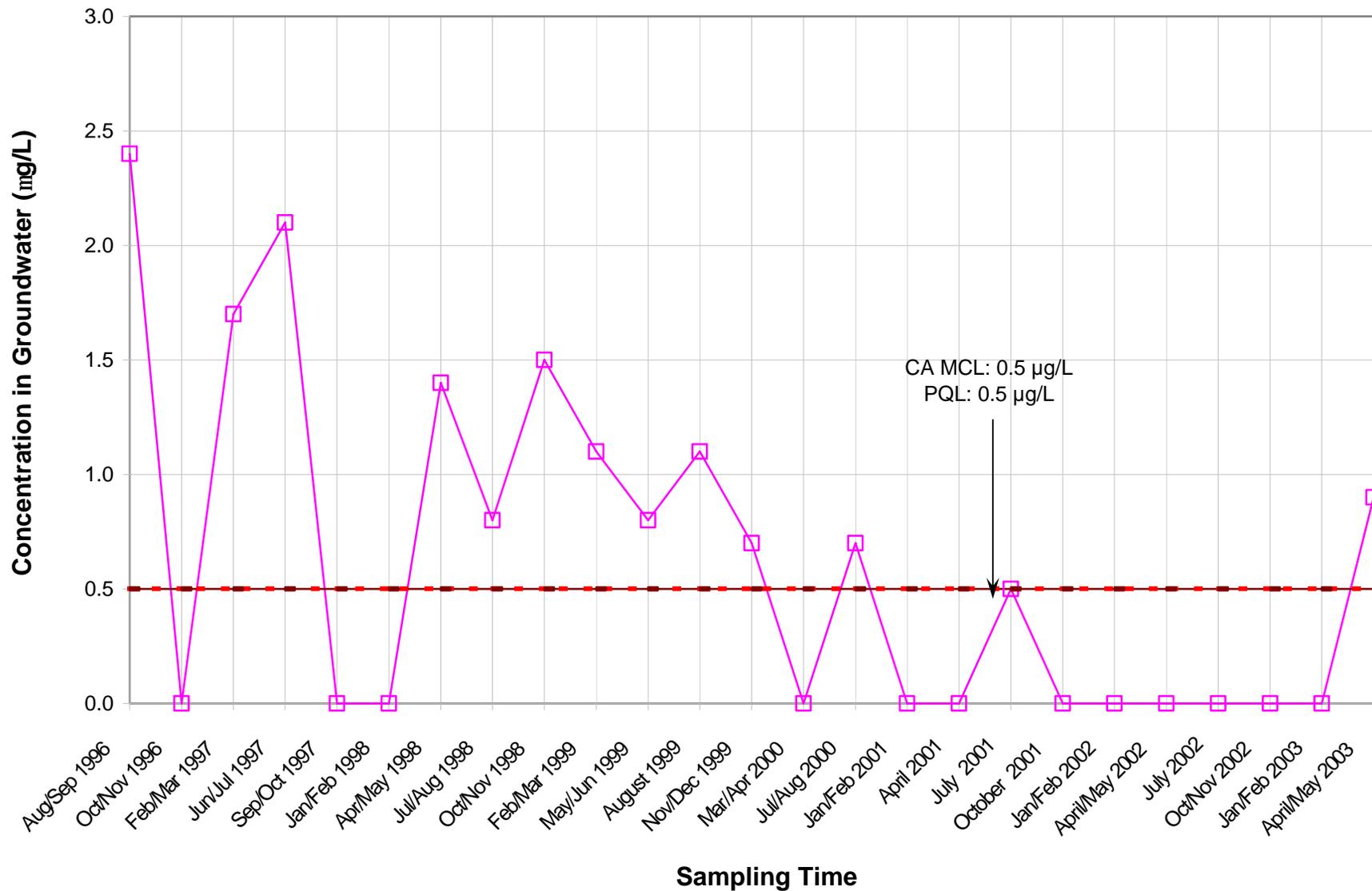
- Shallow Well
- PQL
- - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-41**  
 TRICHLOROETHENE DETECTED AT MW-16  
 FROM AUG/SEP 1996 TO APR/MAY 2003

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 Pasadena, California





**Legend**

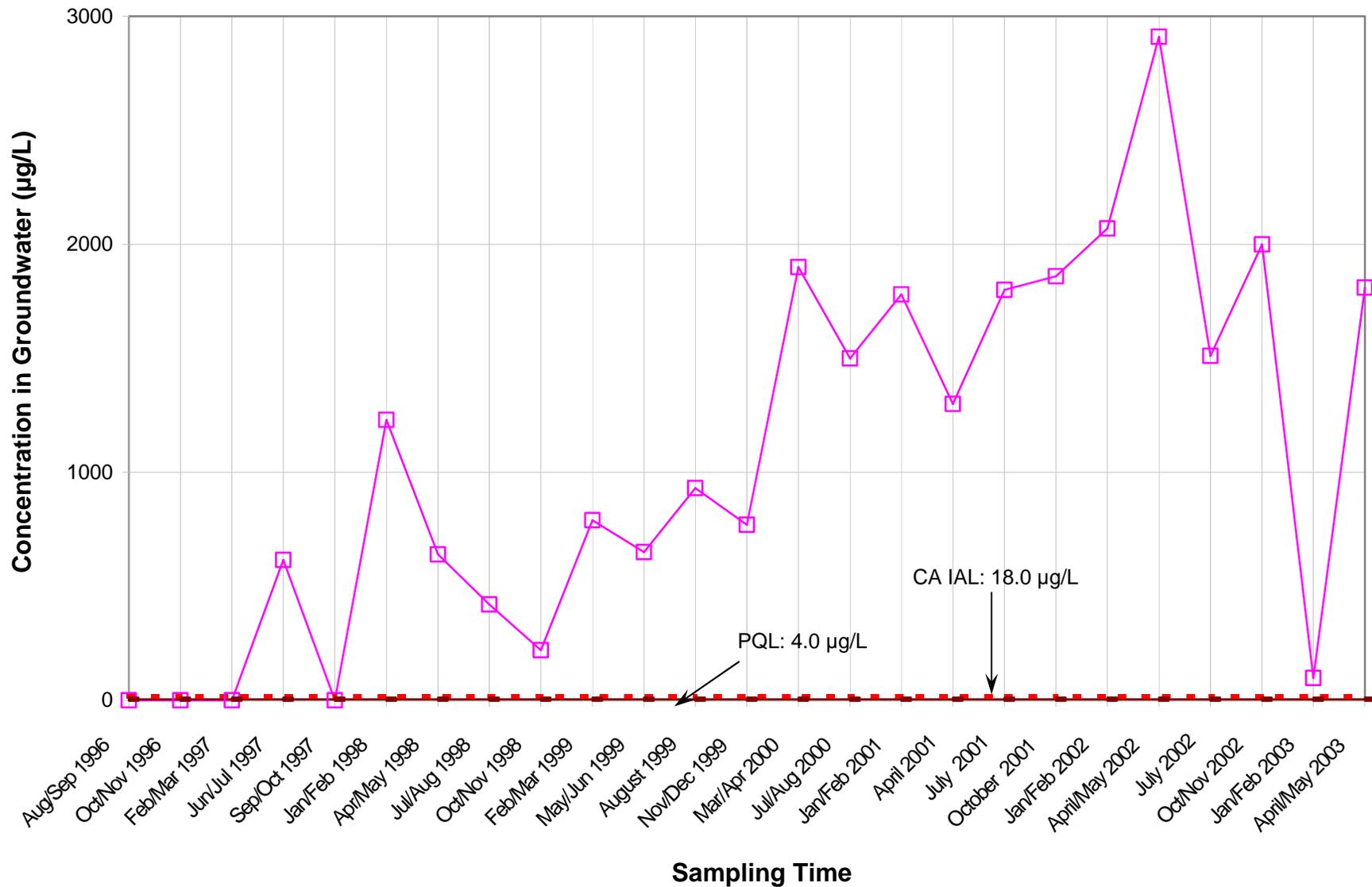
—□— Shallow Well    — PQL    - - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-42**  
 1, 2-DCA DETECTED AT MW-16  
 FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

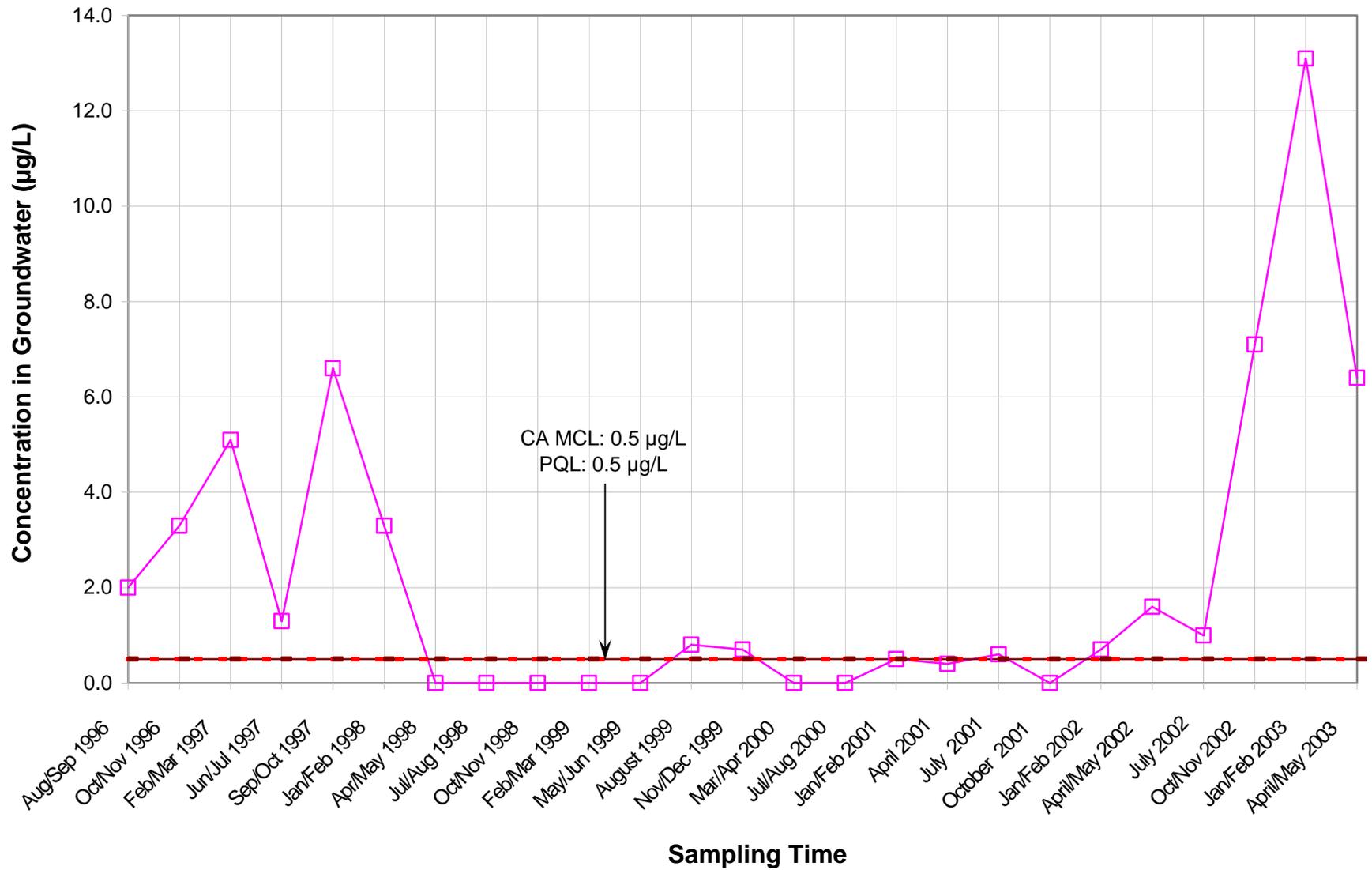
- Shallow Well
- PQL
- - -■- - - CA IAL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-43**  
**PERCHLORATE DETECTED AT MW-16**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

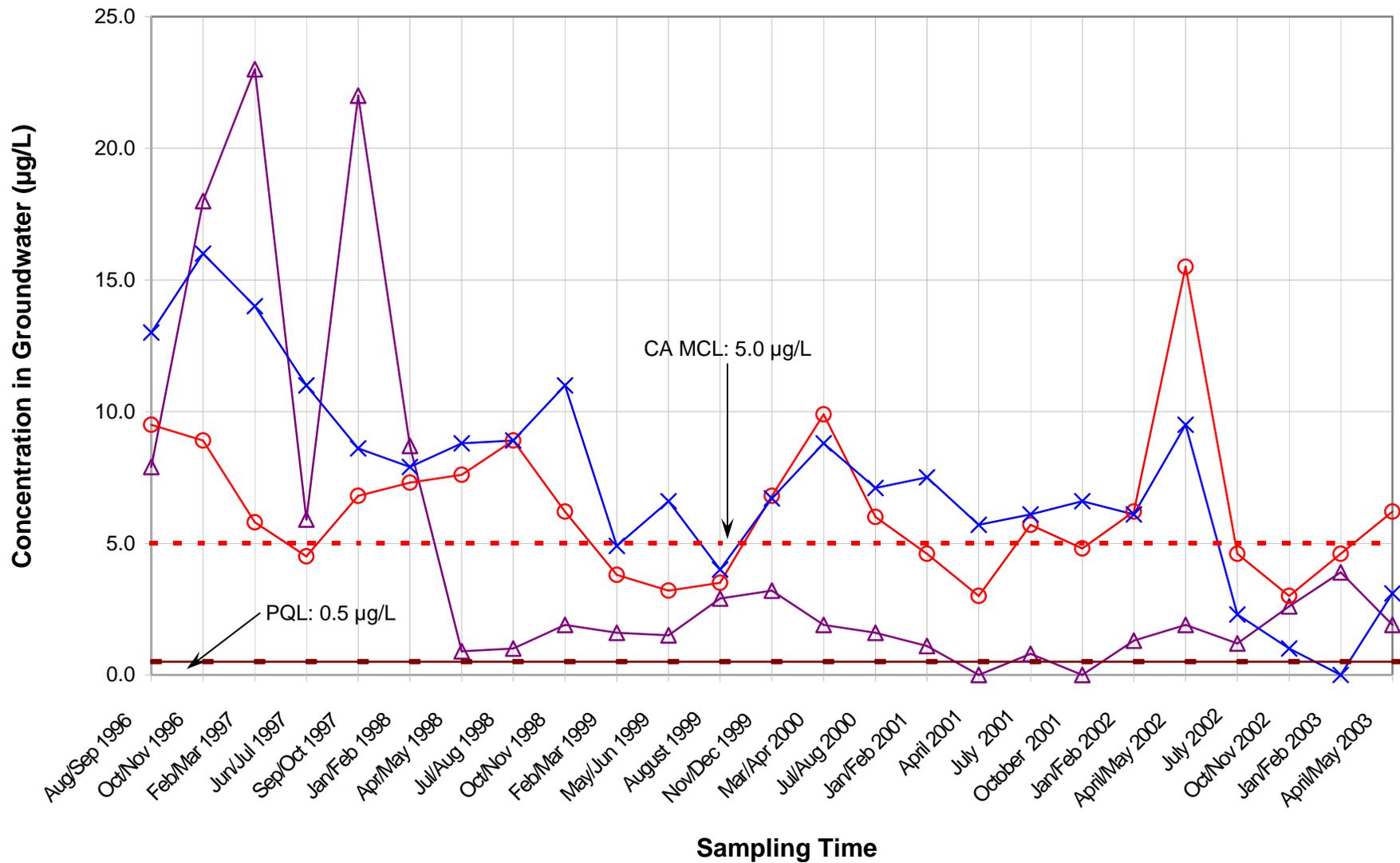
—□— Screen 3      — PQL      - - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-44**  
**CARBON TETRACHLORIDE DETECTED AT MW-17**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - CA MCL

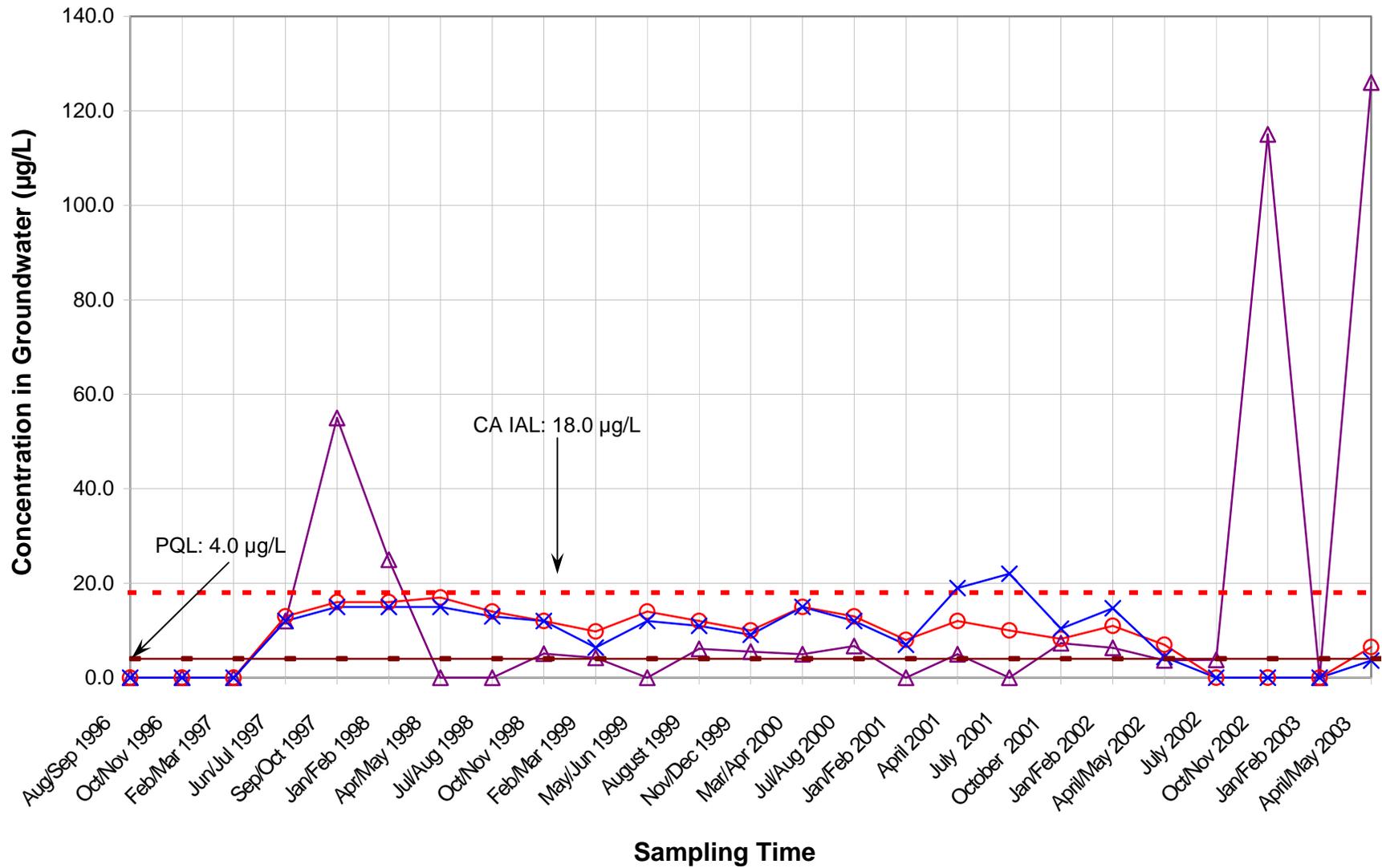
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-45**

TRICHLOROETHENE DETECTED AT MW-17  
 FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

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

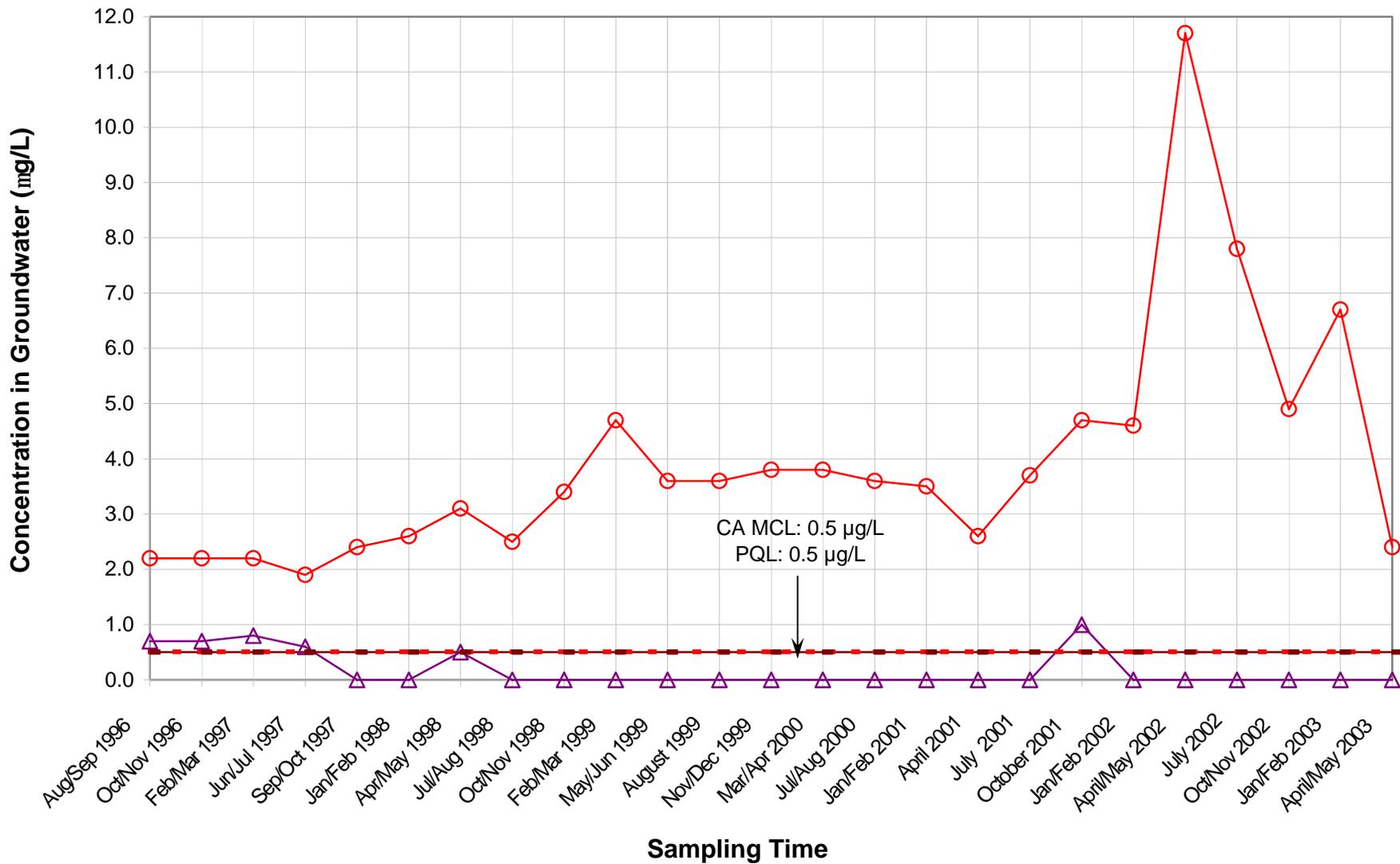
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-46**

**PERCHLORATE DETECTED AT MW-17  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





CA MCL: 0.5 µg/L  
PQL: 0.5 µg/L

**Legend**

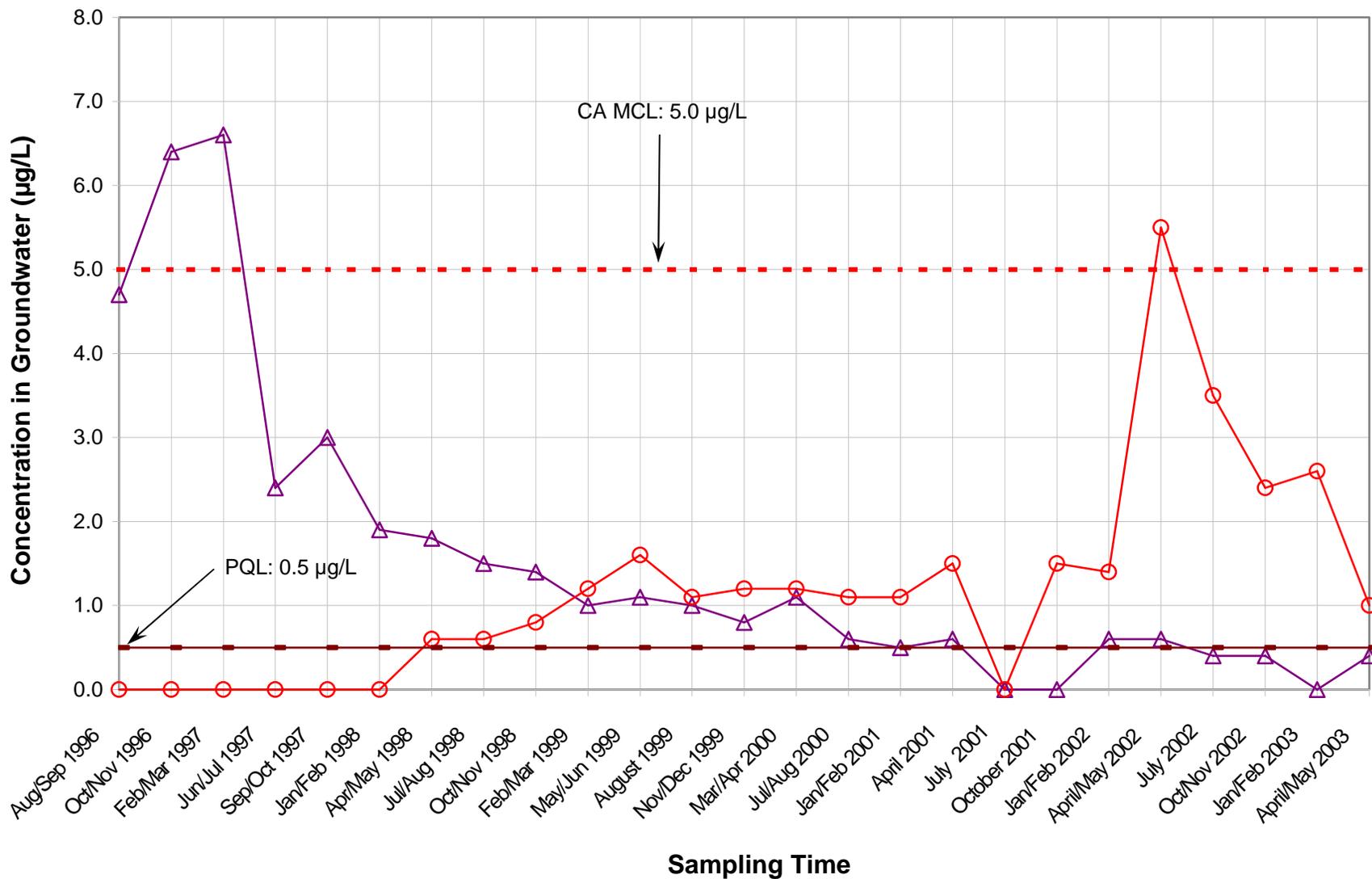
- △— Screen 3
- screen 4
- PQL
- - - CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-47**  
**CARBON TETRACHLORIDE DETECTED AT MW-18**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
Pasadena, California





**Legend**

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

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

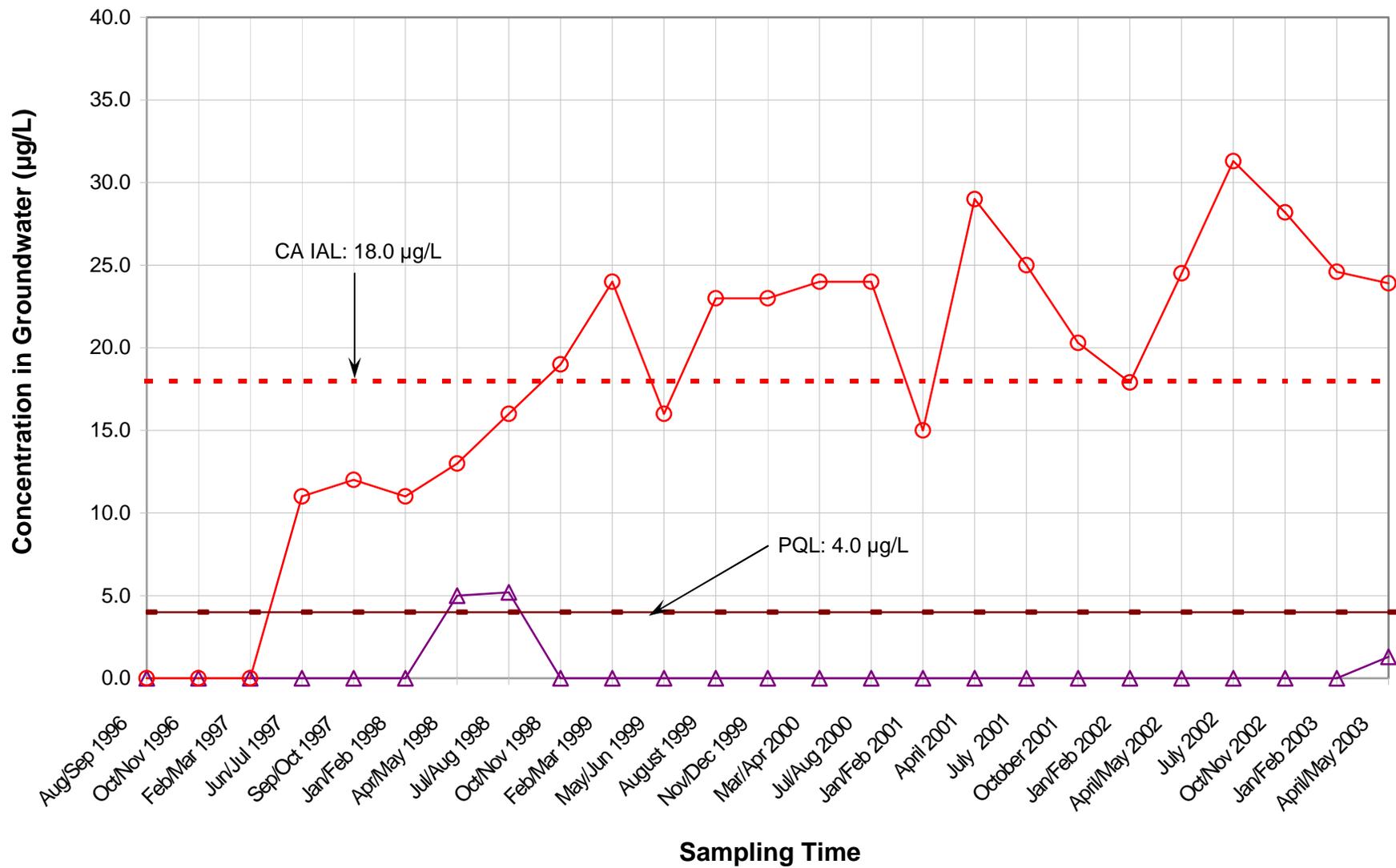
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-48**

TRICHLOROETHENE DETECTED AT MW-18  
FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
Pasadena, California





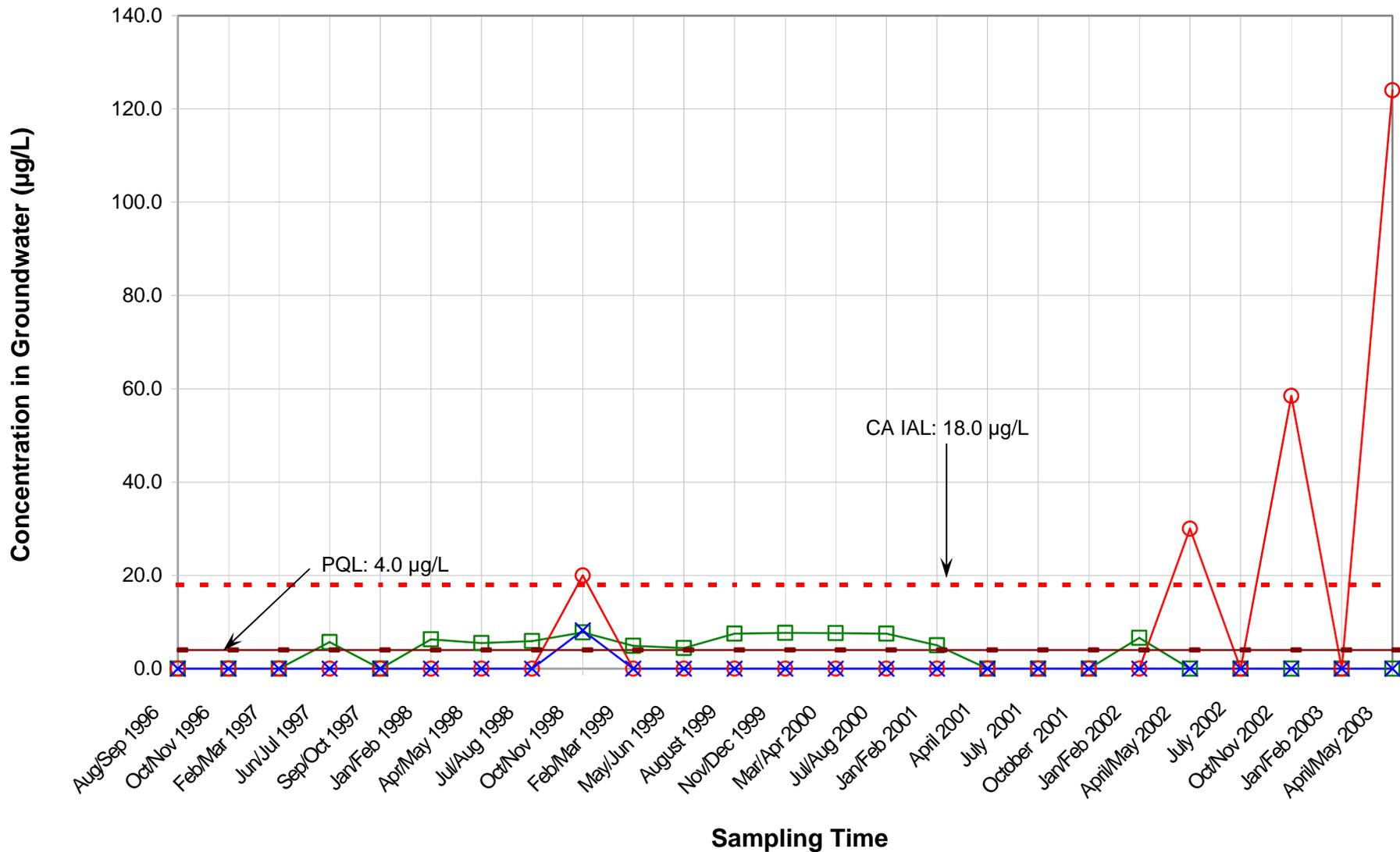
**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-49**  
**PERCHLORATE DETECTED AT MW-18**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

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

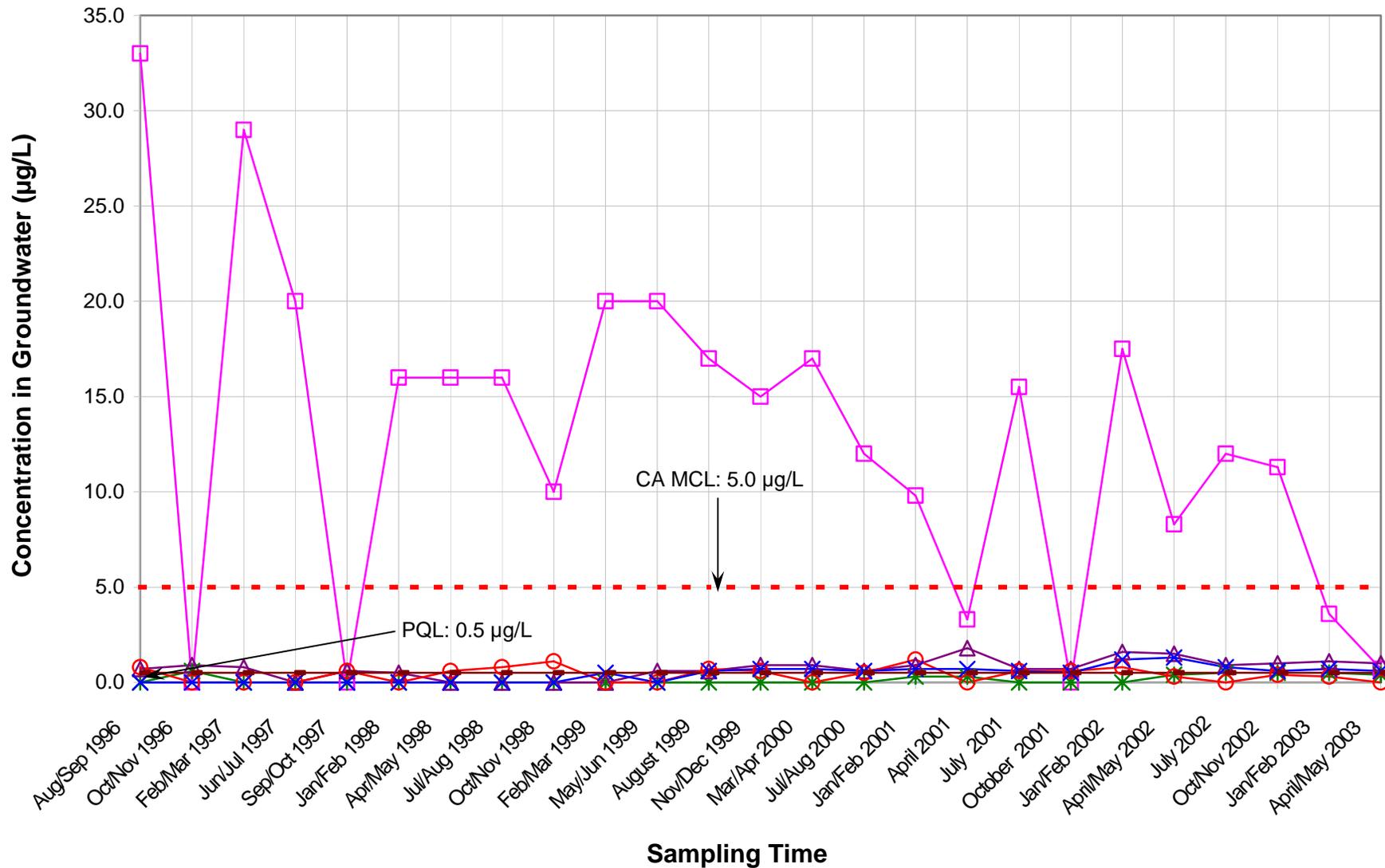
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-50**

**PERCHLORATE DETECTED AT MW-20  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

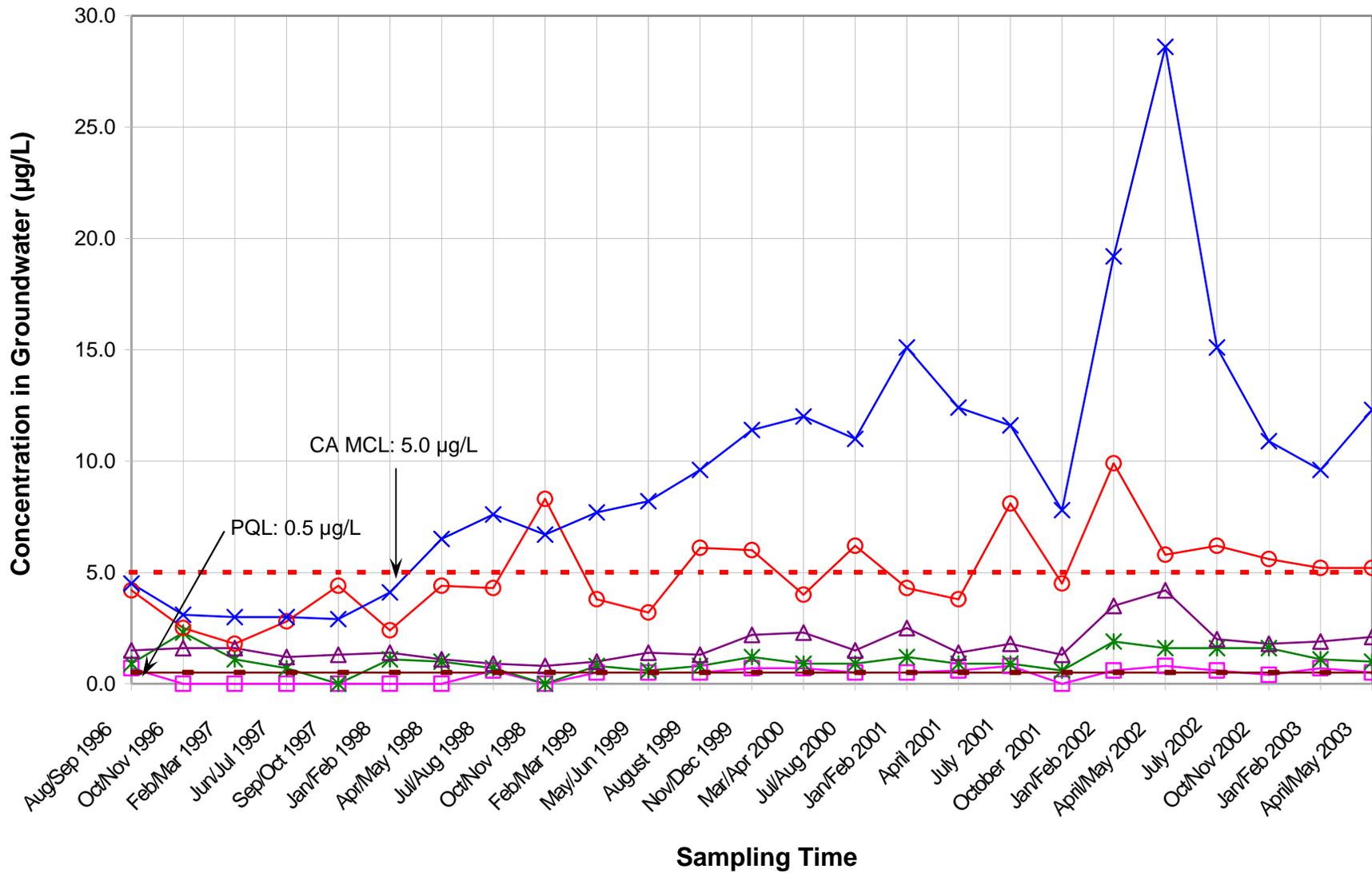
- Screen 1
- \*— Screen 2
- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-51**  
 TRICHLOROETHENE DETECTED AT MW-21  
 FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
 Pasadena, California





**Legend**

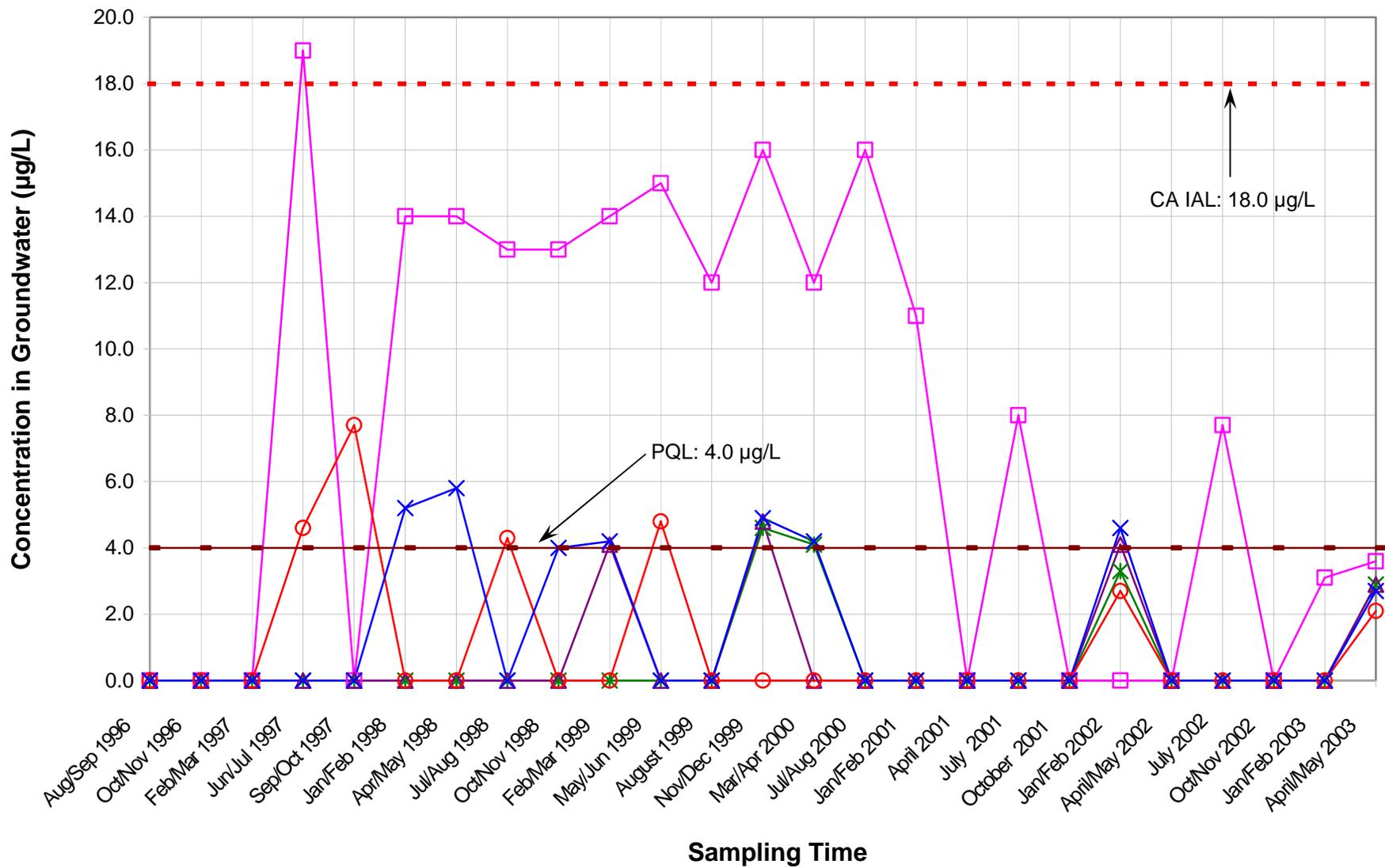
- Screen 1
- \*— Screen 2
- △— Screen 3
- Screen 4
- ×— Screen 5
- PQL
- - - — CA MCL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-52**  
**TETRACHLOROETHENE DETECTED AT MW-21**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California





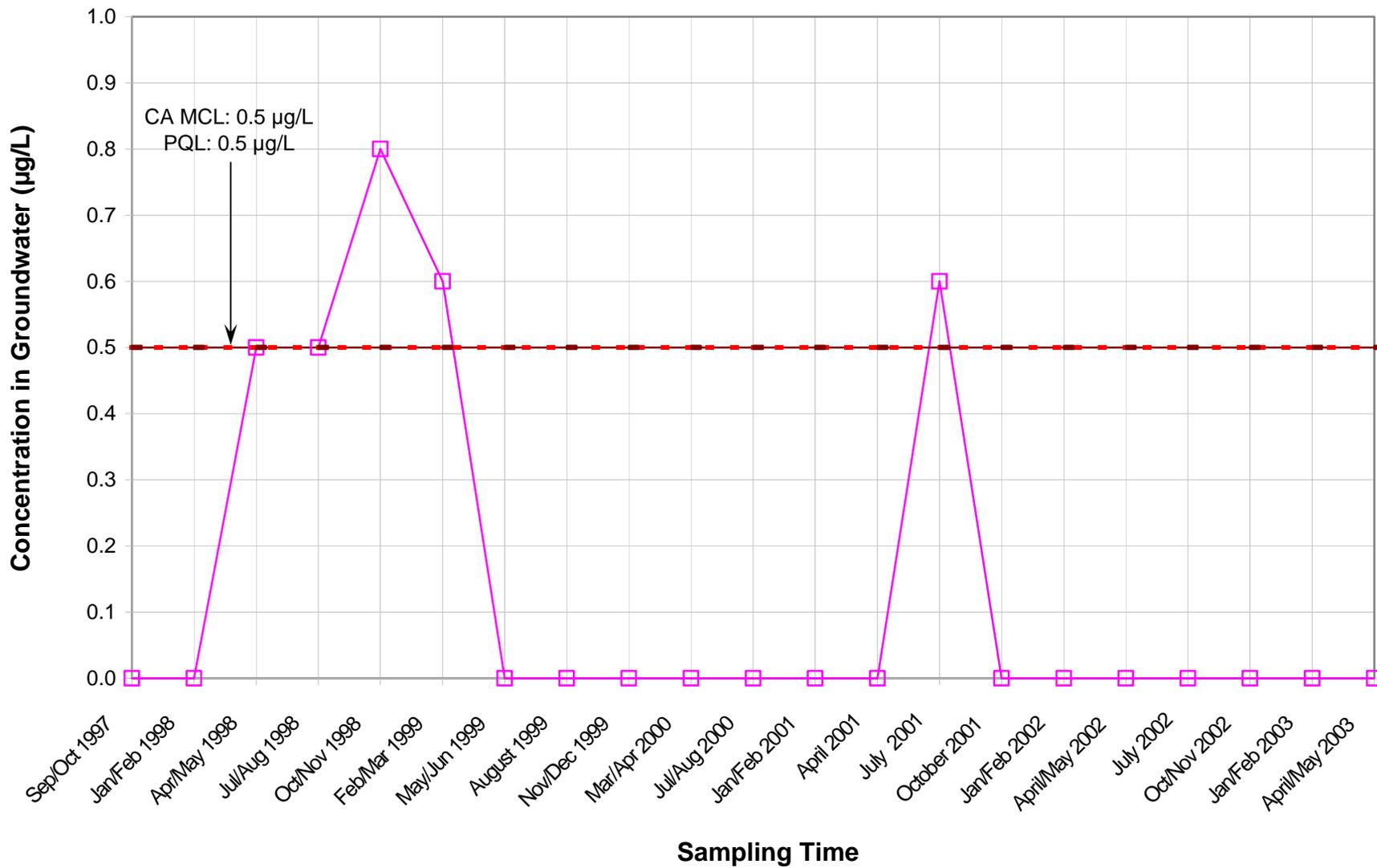
**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-53**  
**PERCHLORATE DETECTED AT MW-21**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

—□— Screen 1    —●— PQL    - - - CA MCL

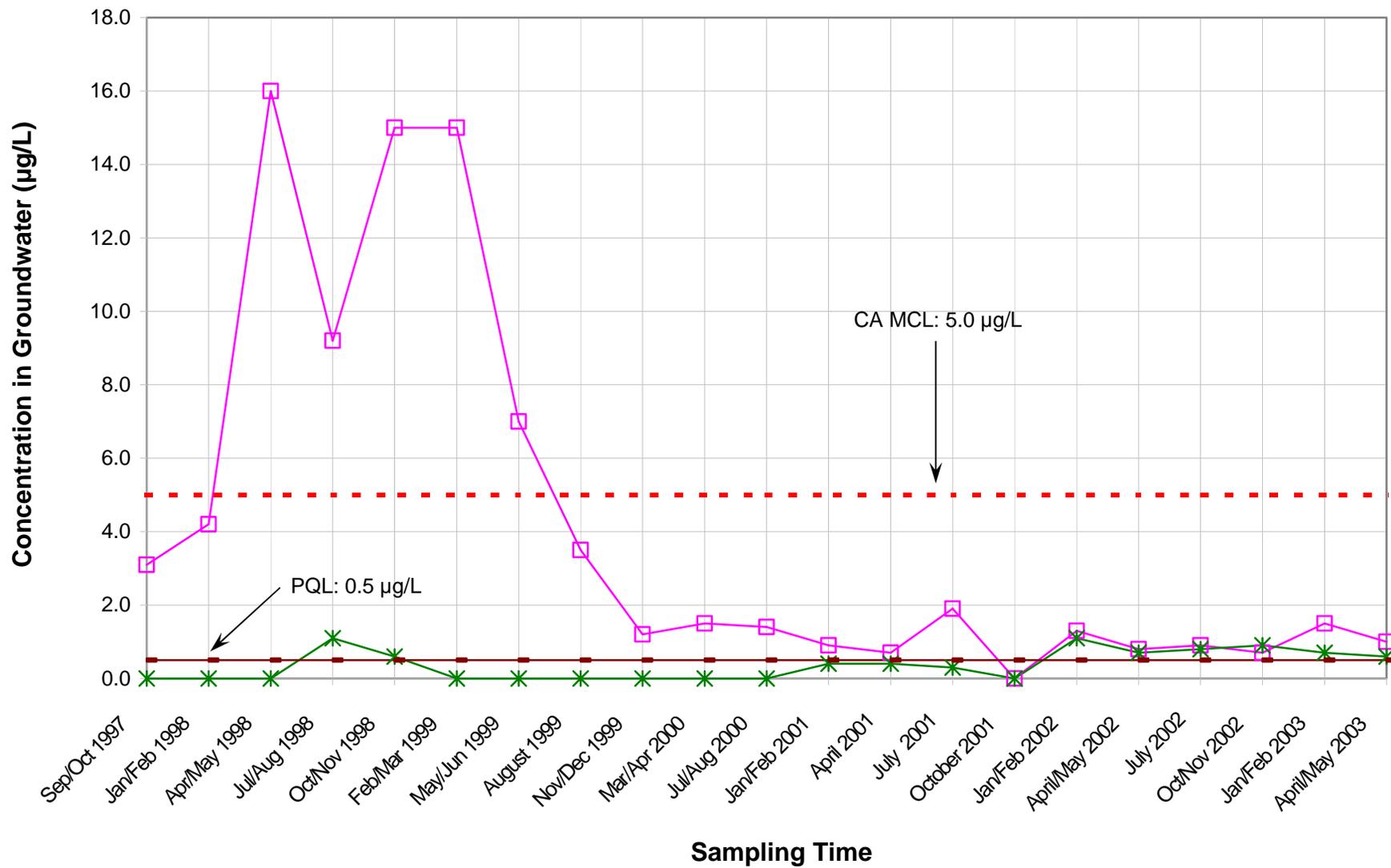
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-54**

**CARBON TETRACHLORIDE DETECTED AT MW-23  
FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
Pasadena, California





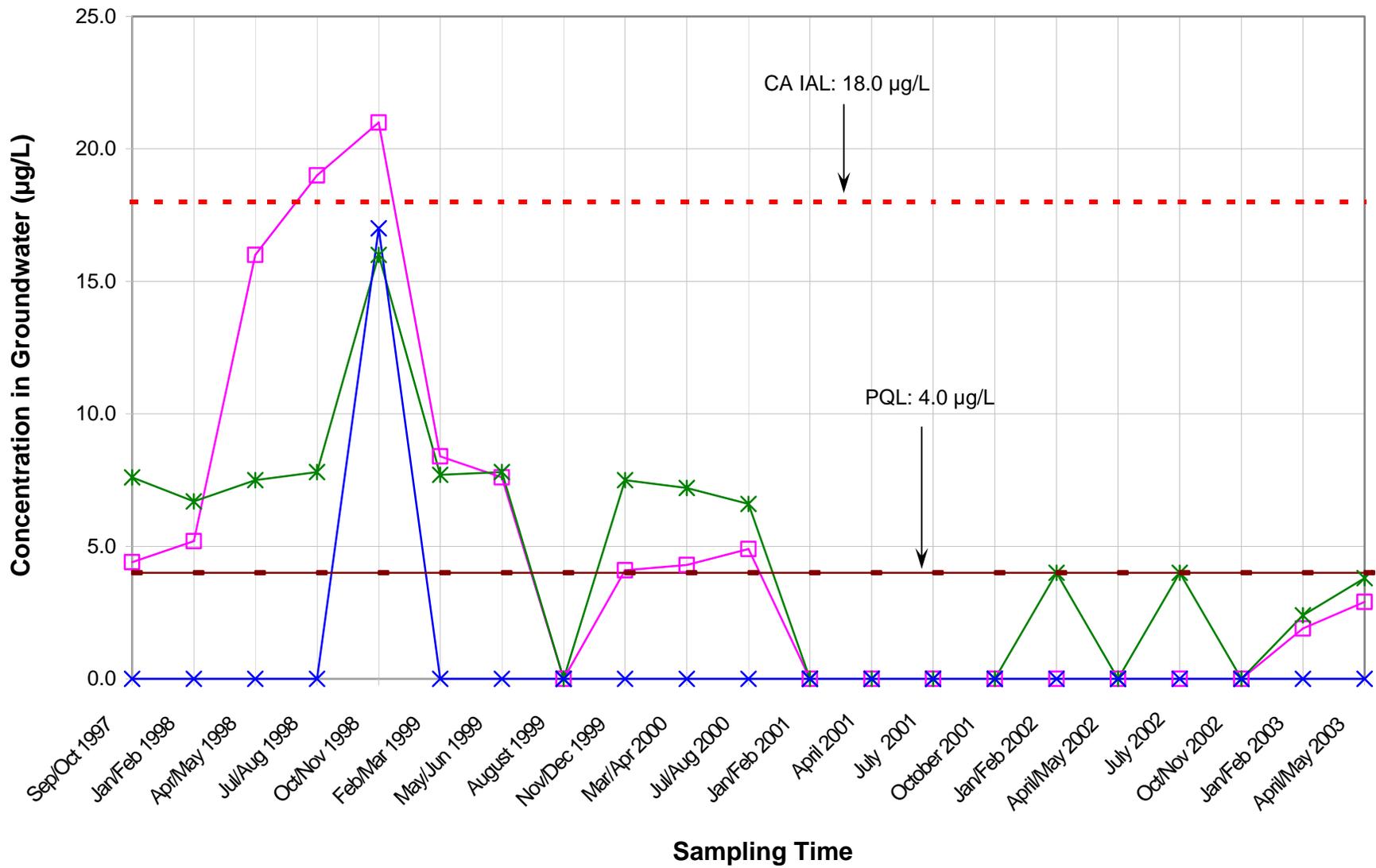
**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-55**  
**TRICHLOROETHENE DETECTED AT MW-23**  
**FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



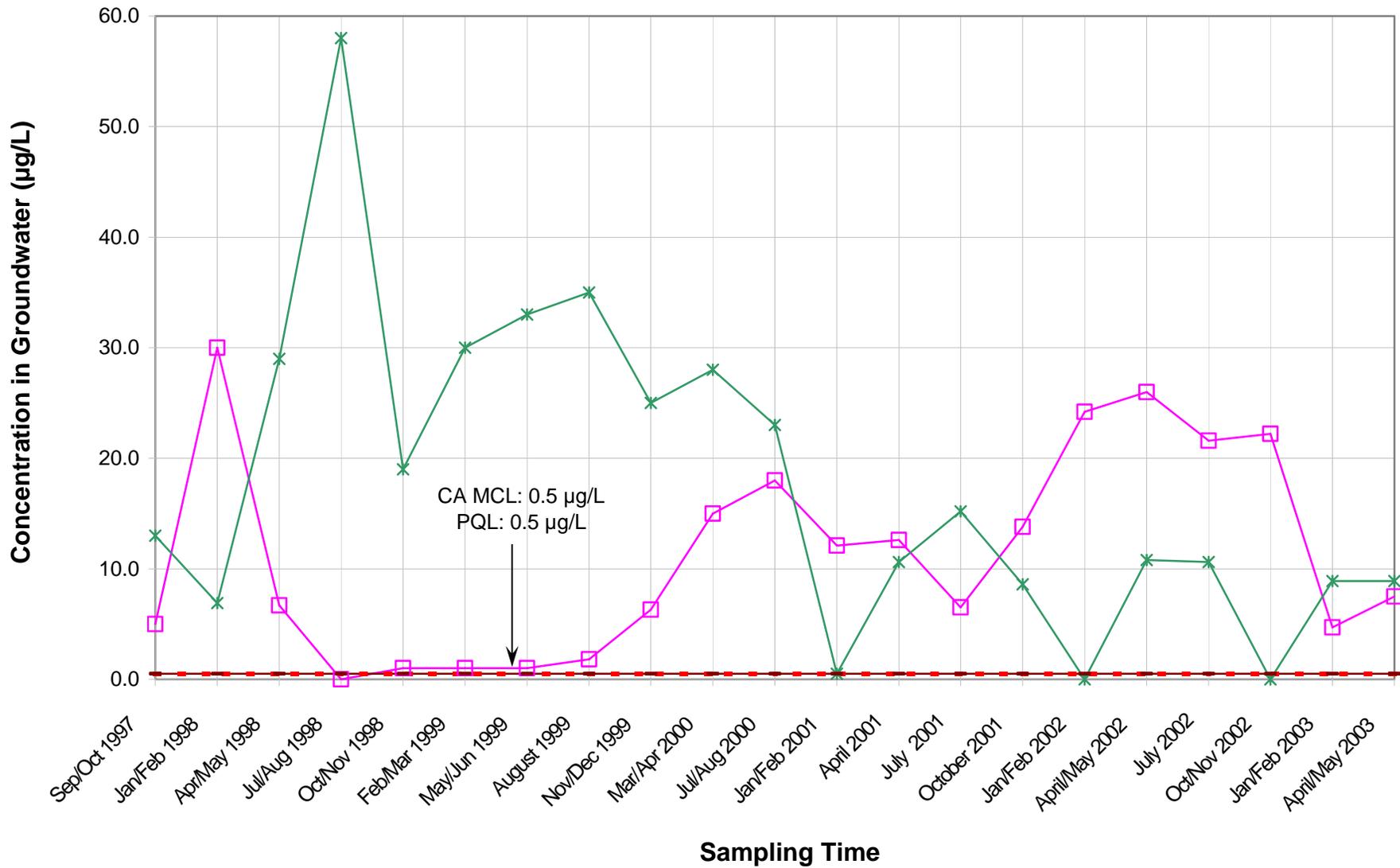
**Legend**

—□— Screen 1    
 —\*— Screen 2    
 —x— Screen 5    
 — PQL    
 - - - CA IAL

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-56**  
 PERCHLORATE DETECTED AT MW-23  
 FROM AUG/SEP 1996 TO APR/MAY 2003

Jet Propulsion Laboratory  
 Pasadena, California



**Legend**

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

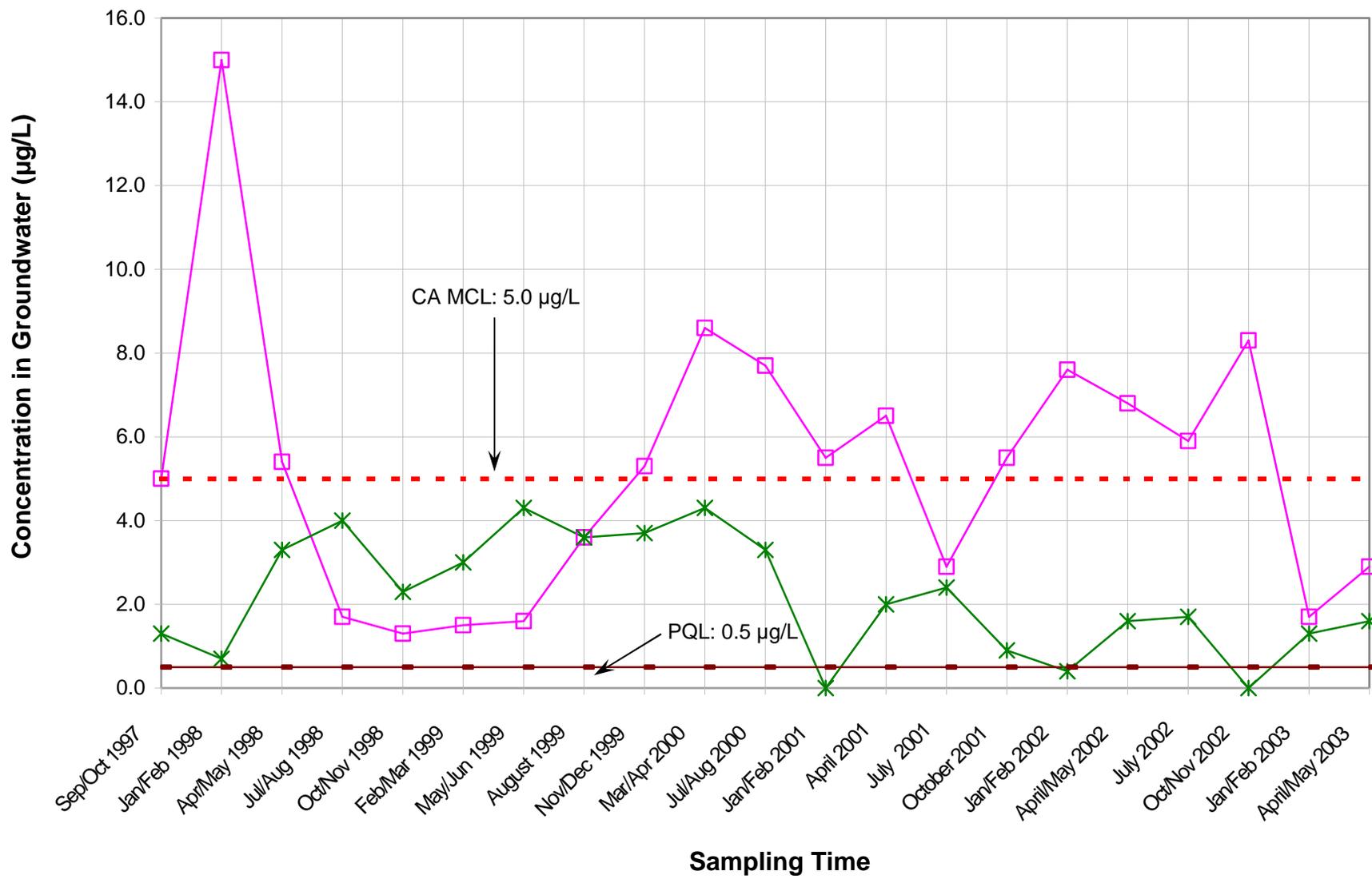
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-57**

**CARBON TETRACHLORIDE DETECTED AT MW-24  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

Jet Propulsion Laboratory  
 Pasadena, California



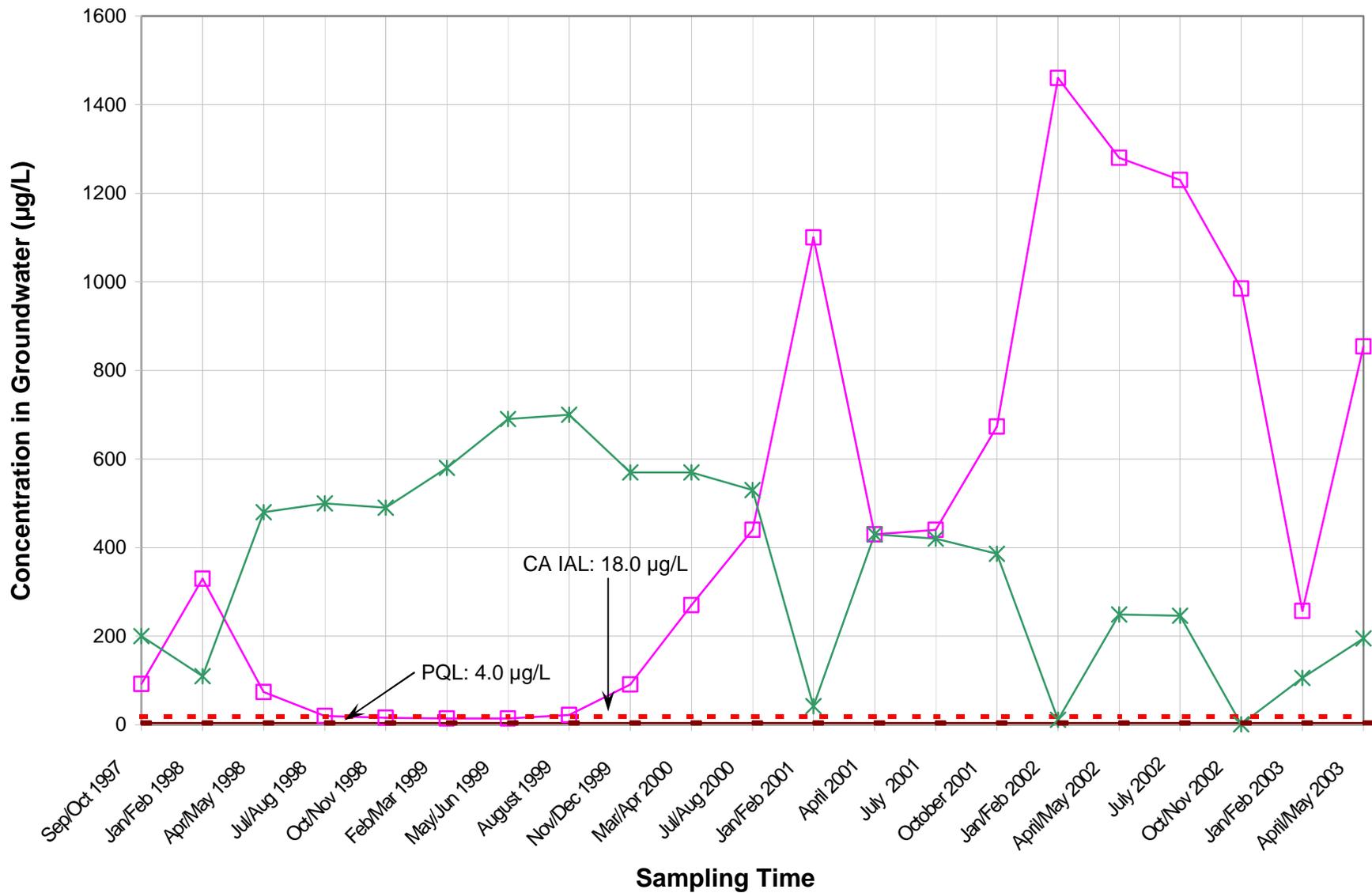


**Legend**

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

Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

<b>FIGURE 3-58</b>
<b>TRICHLOROETHENE DETECTED AT MW-24 FROM AUG/SEP 1996 TO APR/MAY 2003</b>
Jet Propulsion Laboratory Pasadena, California

**Legend**

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

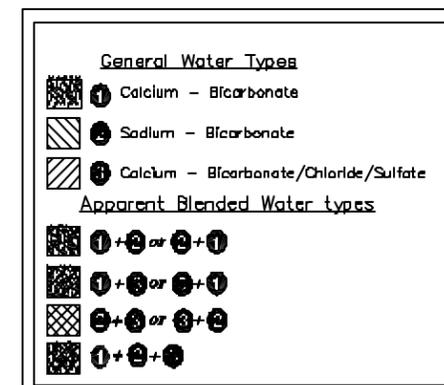
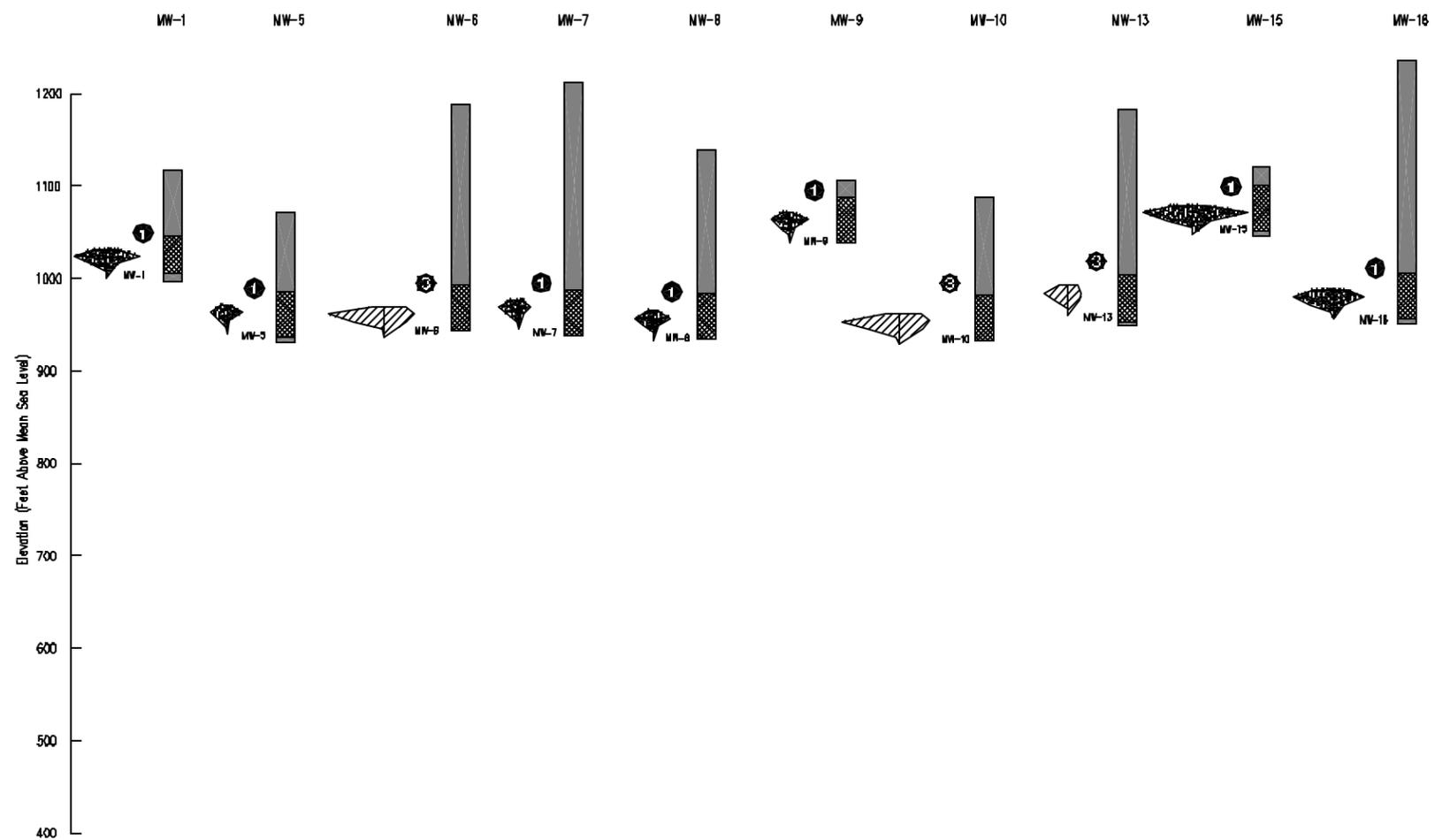
Data before Jan/Feb 2001 was obtained from Foster Wheeler Reports.  
 Data before Jan/Feb 2003 was obtained from SOTA Environmental Reports.

**FIGURE 3-59**

**PERCHLORATE DETECTED AT MW-24  
 FROM AUG/SEP 1996 TO APR/MAY 2003**

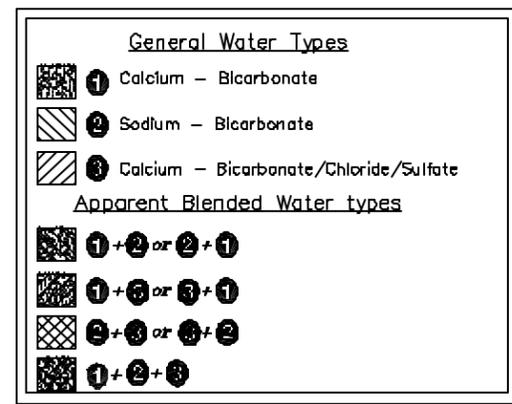
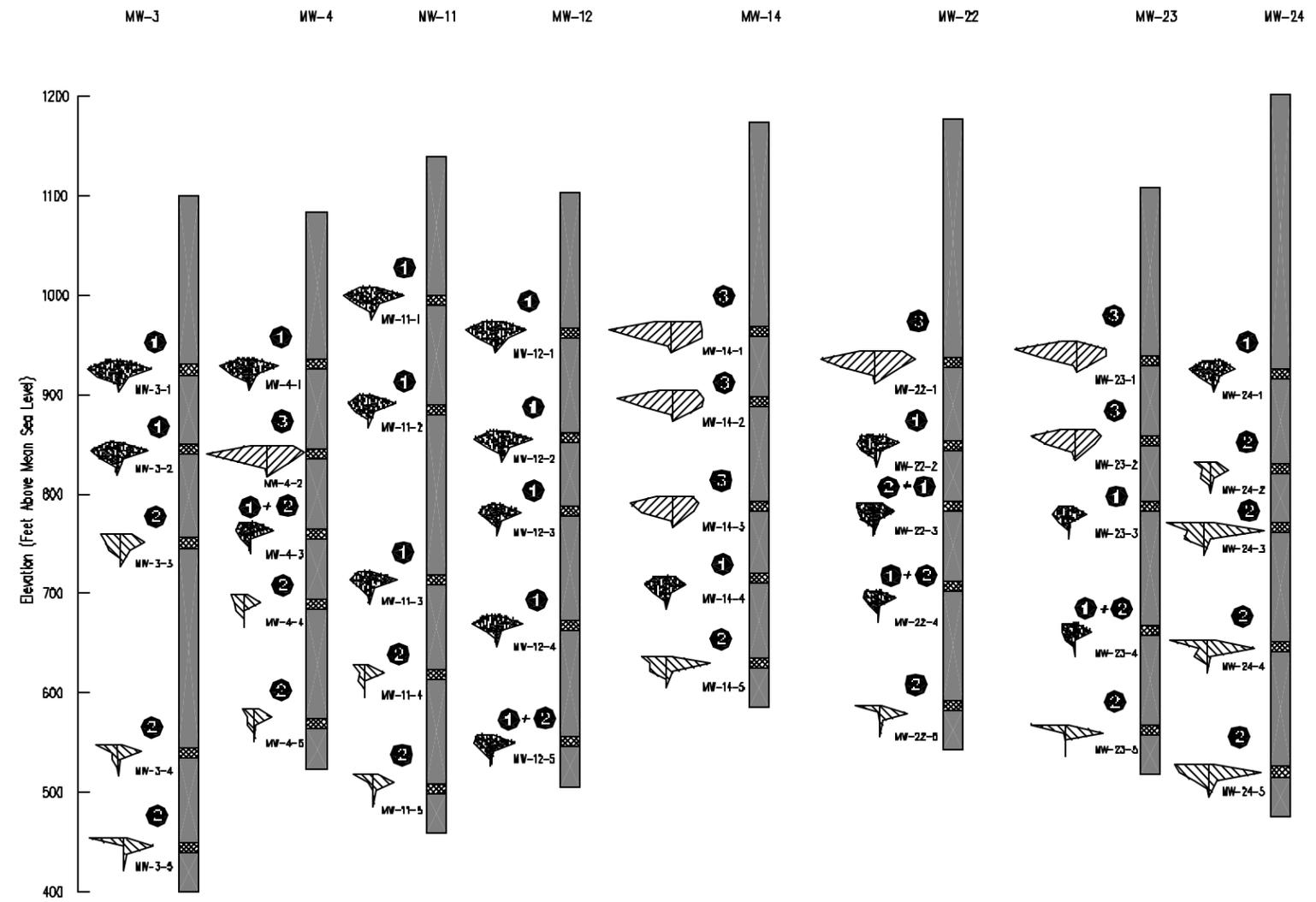
Jet Propulsion Laboratory  
 Pasadena, California





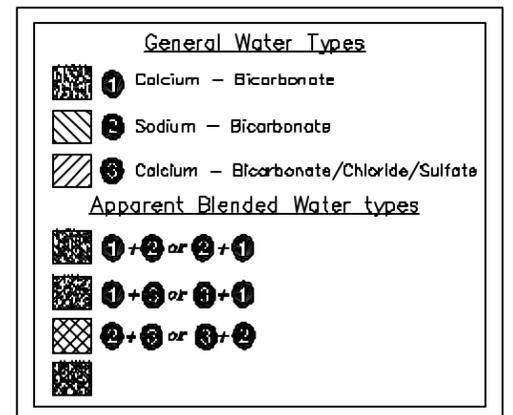
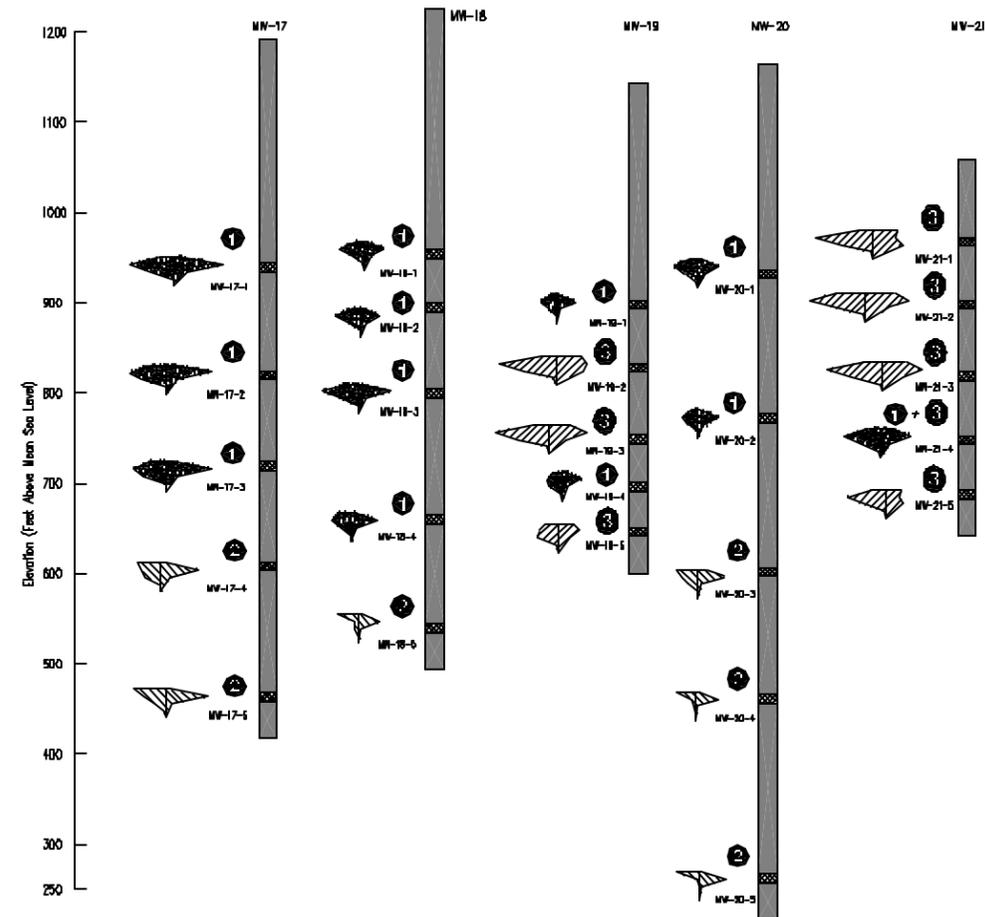
Cations and Anions used for Stiff Diagrams		
Na+k	_____	Cl
Ca	_____	HCO <sub>3</sub> +CO <sub>3</sub>
Mg	_____	SO <sub>4</sub>
Fe	_____	NO <sub>3</sub>

FIGURE 4-1  
 STIFF DIAGRAMS FOR SHALLOW ON-SITE  
 JPL MONITORING WELLS  
 APRIL-MAY 2003  
 JET PROPULSION  
 LABORATORY  
 PASADENA, CALIFORNIA



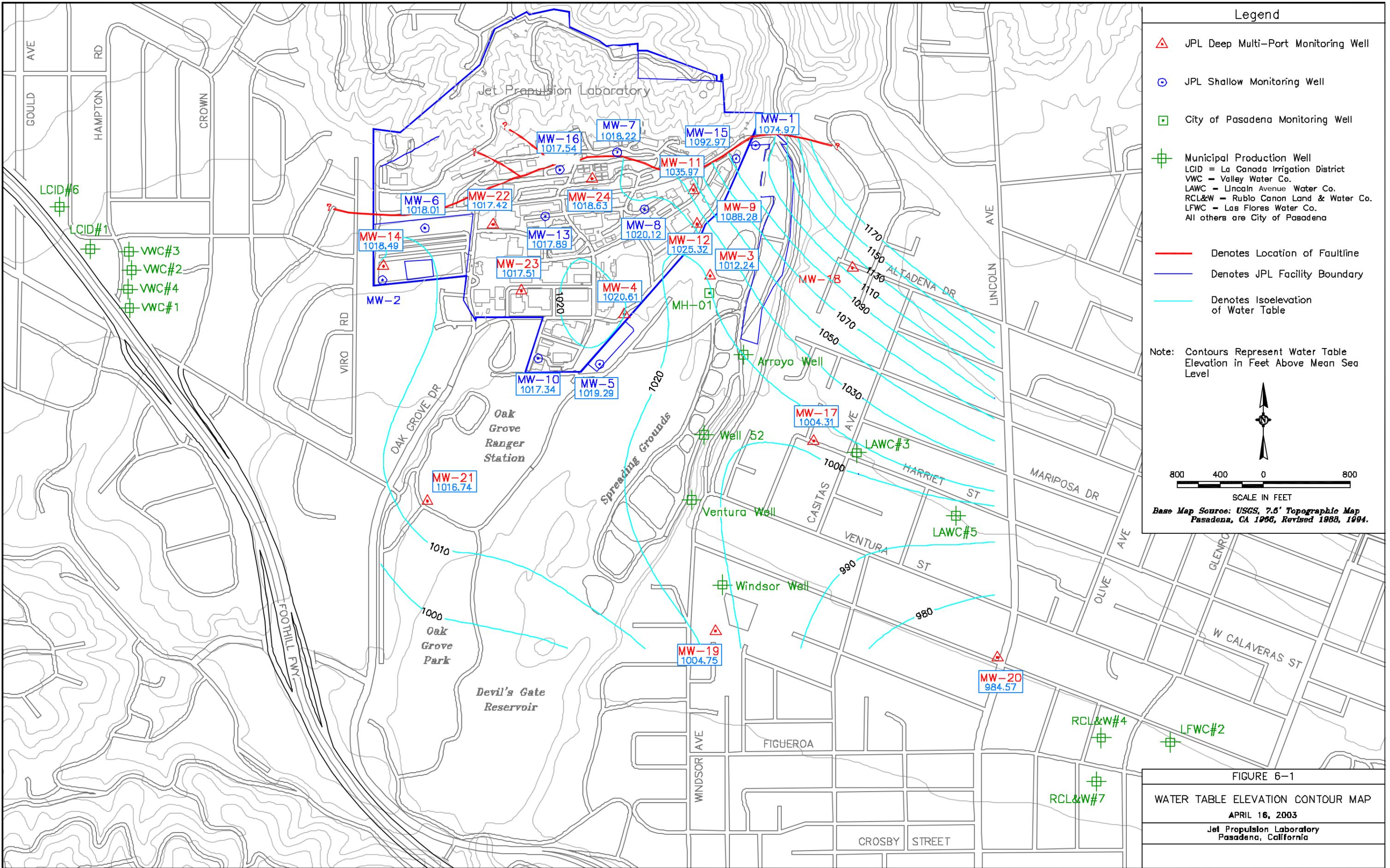
Cations and Anions used for Stiff Diagrams	
Na+k	Cl
Ca	HCO <sub>3</sub> +CO <sub>3</sub>
Mg	SO <sub>4</sub>
Fe	NO <sub>3</sub>

FIGURE 4-2  
 STIFF DIAGRAMS FOR DEEP ON-SITE  
 JPL MONITORING WELLS  
 APRIL-MAY 2003  
 JET PROPULSION  
 LABORATORY  
 PASADENA, CALIFORNIA



Cations and Anions used for Stiff Diagrams		
Na+k	_____	Cl
Ca	_____	HCO <sub>3</sub> + CO <sub>3</sub>
Mg	_____	SO <sub>4</sub>
Fa	_____	NO <sub>3</sub>

FIGURE 4-3  
 STIFF DIAGRAMS FOR OFF-SITE JPL MONITORING WELLS  
 APRIL-MAY 2003  
 JET PROPULSION LABORATORY  
 PASADENA, CALIFORNIA



**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 = Rublo Canon Land & Water Co.  
 LFWC = Las Flores Water Co.  
 All others are City of Pasadena
- Denotes Location of Faultline
- Denotes JPL Facility Boundary
- Denotes Isoelevation of Water Table

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

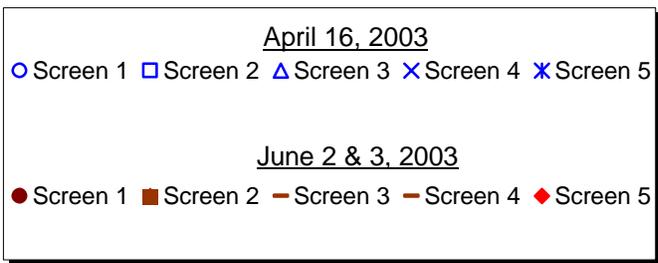
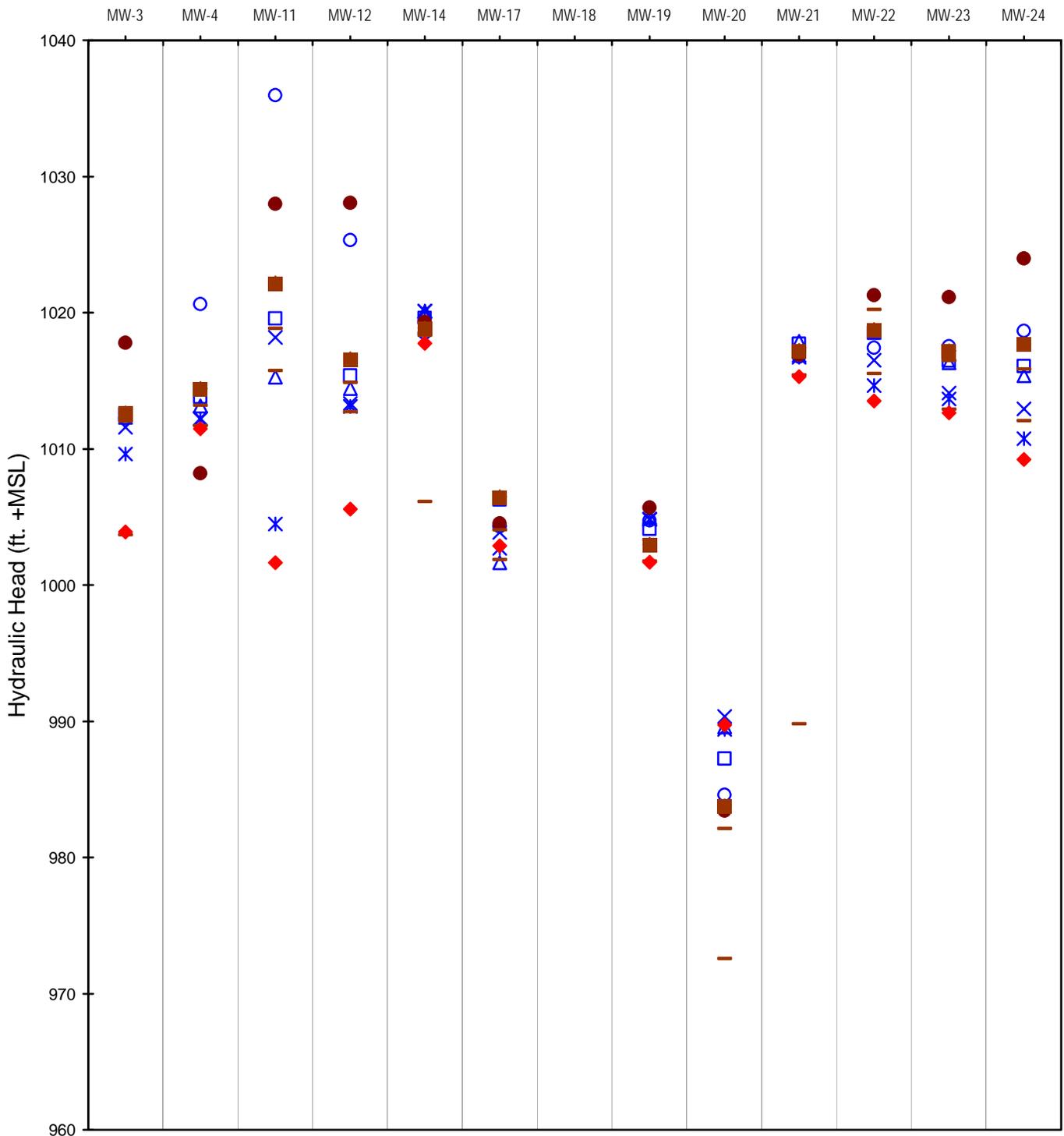
800 400 0 800  
 SCALE IN FEET

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

FIGURE 6-1  
 WATER TABLE ELEVATION CONTOUR MAP  
 APRIL 16, 2003  
 Jet Propulsion Laboratory  
 Pasadena, California



### Monitoring Well



**FIGURE 6-3**  
 Hydraulic Head Elevations  
 From Deep Multi-Port Wells  
 April-May 2003  
 Jet Propulsion Laboratory  
 Pasadena, California