PASADENA

Pasadena Water and Power

Sunset Reservoir Wells Investigation
MW-21

Presented by
David Kimbrough, Ph.D., Water Quality Manager

Presented to
United States Environmental Protection Agency
at the Jet Propulsion Laboratories, Pasadena

April 30, 2013

Monitoring Well 21

Pasadena Water and Power

Median Concentration µg/L				
Location		PCE	TCE	ClO4
MW-21-1	Median	0.4	**4.2**	4.9
	SD	0.27	**9.5**	5.7
MW-21-2	Median	**2.2**	0.3	0.4
	SD	**3.5**	0.34	1.5
MW-21-3	Median	**2.1**	0.9	0.4
	SD	**1.9**	0.45	1.7
MW-21-4	Median	**4.3**	0.05	0.4
	SD	**2.8**	0.34	1.5
MW-21-5	Median	**6.6**	0.32	0.4
	SD	**5.7**	0.34	1.9

PASADENA

Well 21

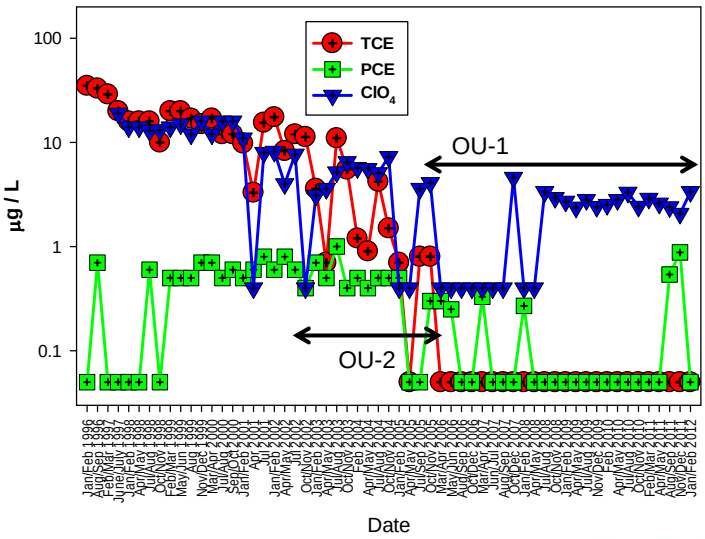
Pasadena Water and Power

Location	SEC	NH_3	^3H	NO_3-N
	µSi/cm	mg/L	TU	mg/L
MW-21-1	988	0.16	7.6	14.2
MW-21-2	1,290	<0.1	8.0	10.7
MW-21-3	1,160	<0.1	8.2	9.5
MW-21-4	761	<0.1	3.9	6.5
MW-21-5	808	<0.1	5.0	7.1

PASADENA

MW-21-1 1996 - 2012

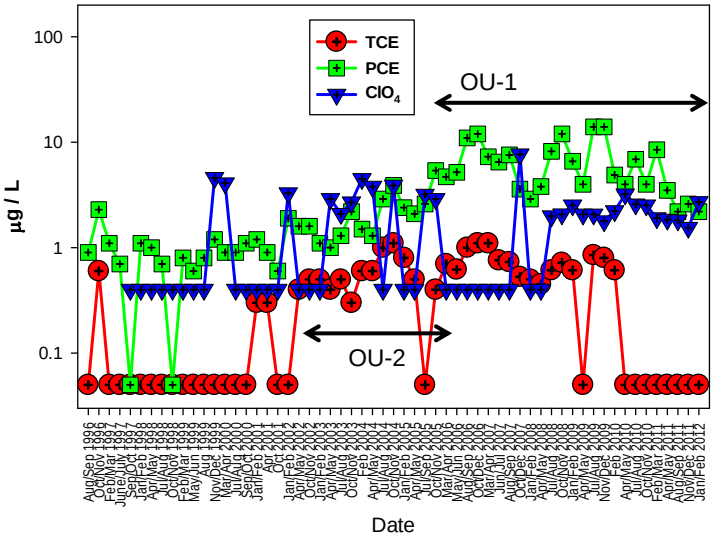
Pasadena Water and Power



NA

MW-21-2 1996 - 2012

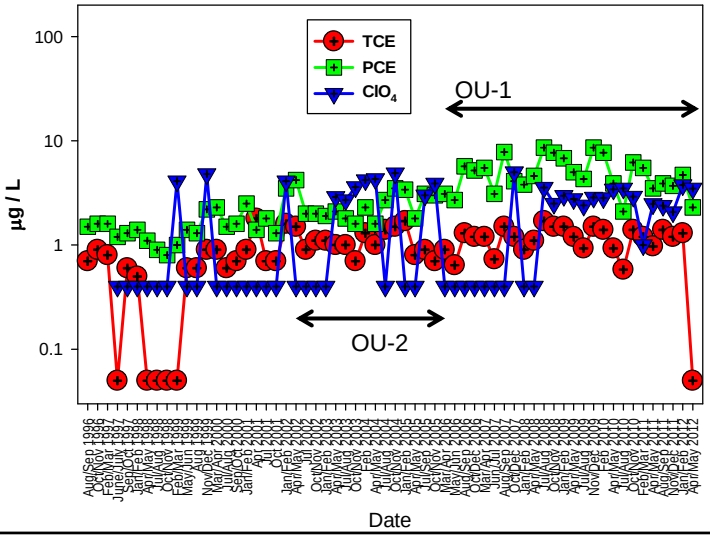
Pasadena Water and Power



NA

MW-21-3 1996 - 2012

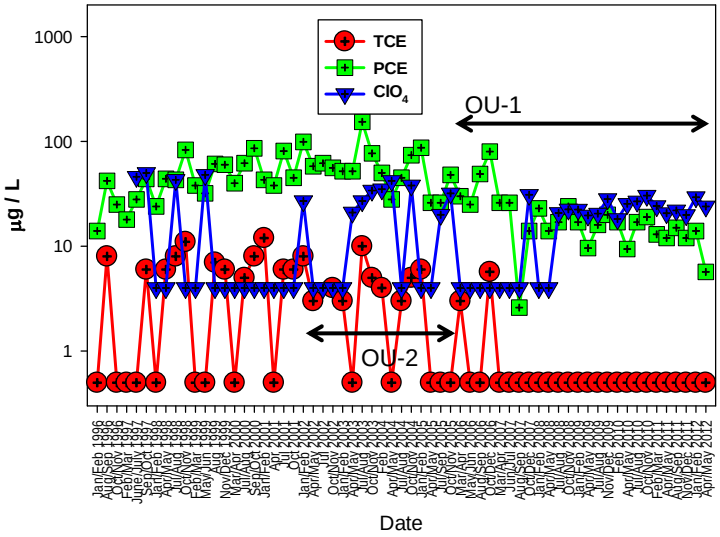
Pasadena Water and Power



NA

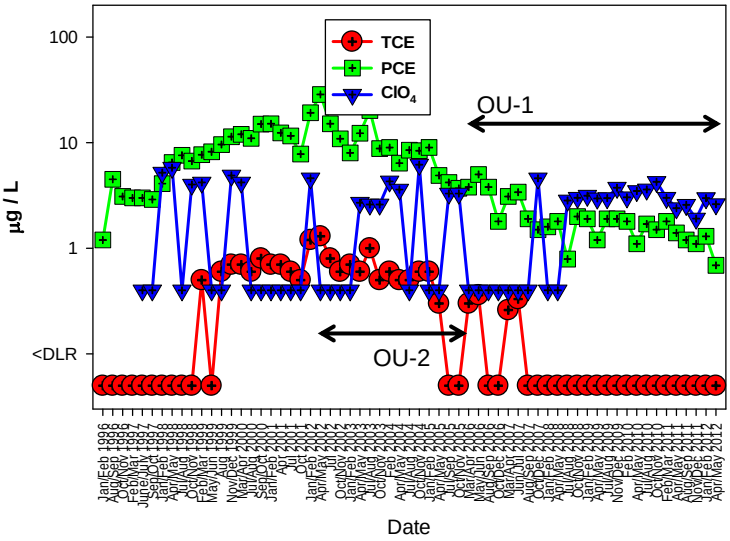
MW-21-4 1996 - 2012

Pasadena Water and Power



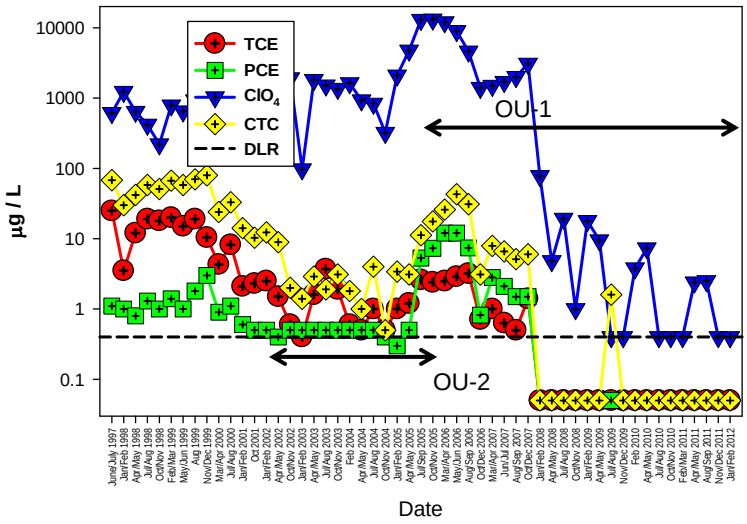
MW-21-5 1996 - 2012

Pasadena Water and Power



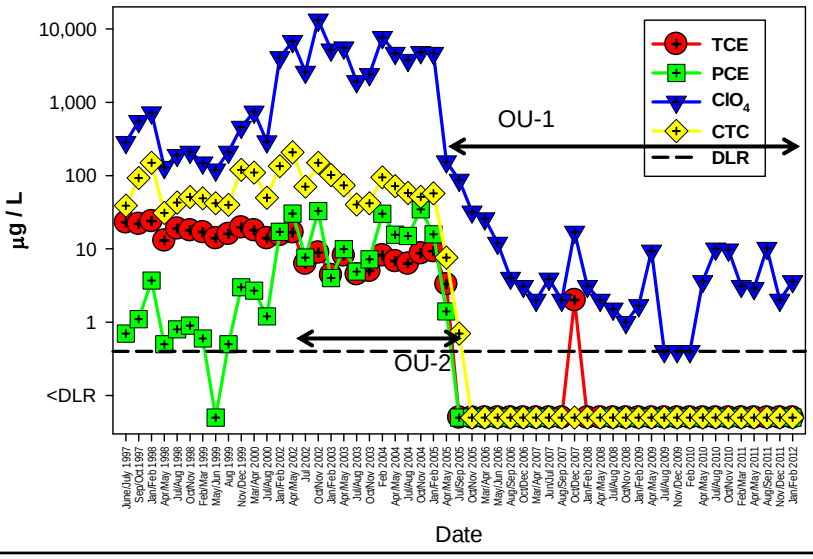
MW-16 1996 - 2012

Pasadena Water and Power



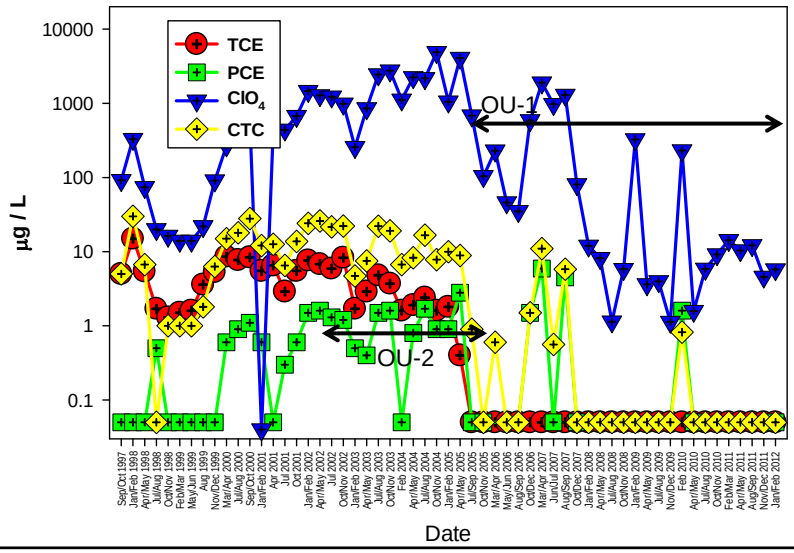
MW-7 1996 - 2012

Pasadena Water and Power



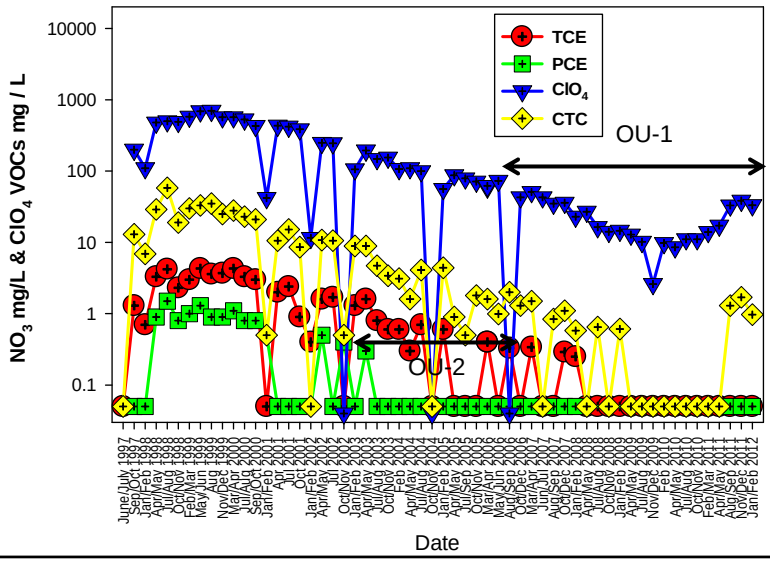
MW-24-1 1996 - 2012

Pasadena Water and Power



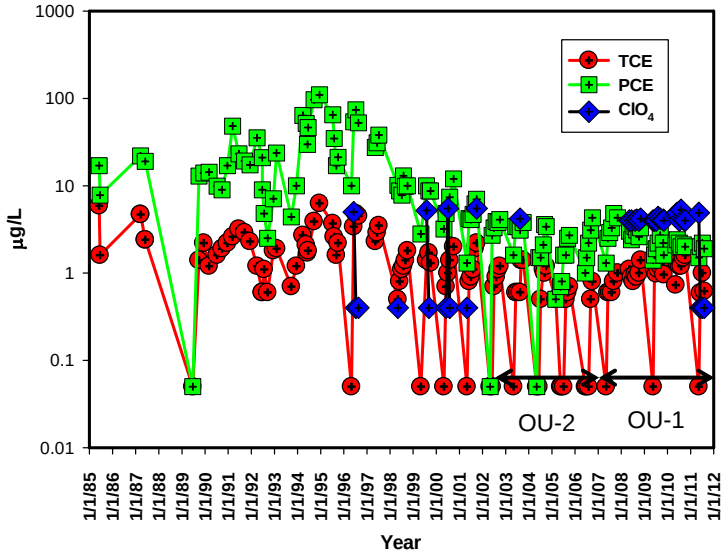
MW-24-2 1996 - 2012

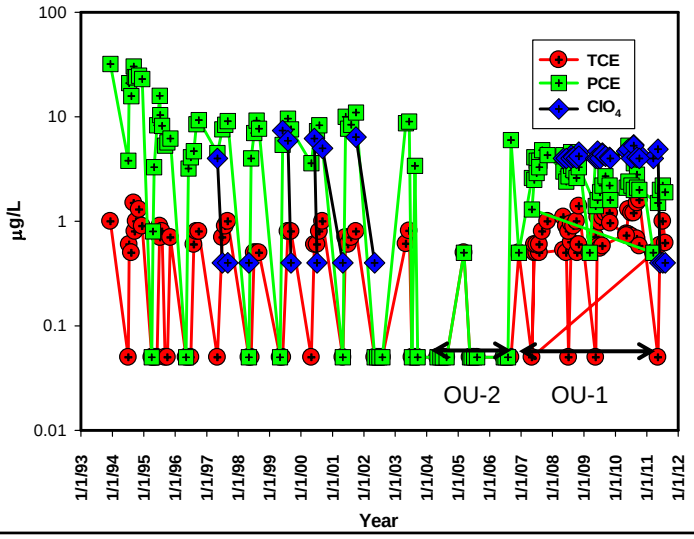
Pasadena Water and Power



VWC 1 1985 - 2012

Pasadena Water and Power



VWC 2 1993 - 2012

Pasadena Water and Power