

CA Public Water System MTBE Monitoring Data

May 1997 - July 2002

	05/12/97	06/18/98	05/25/99	01/07/00	02/09/00	01/03/01	03/02/01	01/01/02	02/04/02	03/04/02	05/01/02	06/03/02	07/03/02
Systems Sampled for MTBE	352	671	1092	1444	1549	1901	2073	2870	2896	2930	2996	3098	3130
Additional Systems Sampled	0	319	421	352	105	352	172	797	26	34	66	102	32
Percent of Total Systems	0%	14%	23%	31%	33%	39%	42%	59%	59%	60%	61%	63%	64%
Total Systems	4418	4681	4681	4681	4681	<u>4900</u>	<u>4900</u>	4900	4900	4900	4900	4900	4900
Systems Reporting Detections	15	25	40	30	32	37	41	52	52	53	56	56	52
+ / - Additional Detections	0	10	15	-10	2	5	4	11	0	1	3	0	-4
Percent of Total Systems	0.34%	0.53%	0.85%	0.64%	0.68%	0.76%	0.84%	1.06%	1.06%	1.08%	1.14%	1.14%	1.06%
Sources Sampled for MTBE	1868	3173	5389	6492	6684	7764	8049	9647	9721	9830	10010	10229	10326
+ / - Additional Sampled	0	1305	2216	1103	192	1080	285	1598	74	109	180	219	97
Percent of Total Sources	17%	27%	46%	55%	56%	66%	68%	82%	82%	83%	85%	87%	0.8750847
Total Sources	11000	11800	11837	11837	11837	<u>11800</u>	<u>11800</u>	11800	11800	11800	11800	11800	11800
GW Sources Sampled	N/A	N/A	5042	6076	6256	7253	7520	9003	9063	9160	9332	9536	9628
+ / - Additional Sampled	0	0	0	1034	180	997	267	1483	60	97	172	204	92
Percent of Total GW Sources	0%	0%	46%	55%	57%	66%	68%	82%	82%	83%	85%	87%	88%
Total GW Sources	N/A	9800	10972	10972	10972	<u>11000</u>	<u>11000</u>	11000	11000	11000	11000	11000	11000
SW Sources Sampled	N/A	N/A	347	416	428	511	529	644	658	670	678	693	698
+ / - Additional Sampled	0	0	0	69	12	83	18	115	14	12	8	15	5
Percent of Total SW Sources	N/A	0%	45%	54%	56%	64%	66%	81%	82%	84%	85%	87%	87%
Total SW Sources	N/A	670	765	765	765	<u>800</u>	<u>800</u>	800	800	800	800	800	800
Sources with MTBE Detections	24	46	72	52	54	62	68	82	84	85	88	88	90
+ / - Additional Detections	0	22	26	-20	2	8	6	14	2	1	3	0	2
Percent of Sampled Sources	N/A	1.45%	1.34%	0.80%	0.81%	0.80%	0.84%	0.85%	0.86%	0.86%	0.88%	0.86%	0.87%
MTBE Conc 3 ug/L (DLR)								59	60	61	66	66	68
Percent of Sampled Sources								0.61%	0.62%	0.62%	0.66%	0.65%	0.66%
MTBE Conc > 5ug/L						35	37	40	41	41	42	42	43
Percent of Sampled Sources						0.45%	0.46%	0.41%	0.42%	0.42%	0.42%	0.42%	0.42%
MTBE Conc >13 ug/L						18	18	21	21	21	21	21	22
Percent of Sampled Sources						0.23%	0.22%	0.22%	0.22%	0.21%	0.21%	0.21%	0.21%
GW Sources with MTBE Detections	13	26	43	31	33	40	43	52	53	54	57	57	59
+ / - Additional Detections	0	13	17	-12	2	7	3	9	1	1	3	0	2
Percent of Sampled GW Sources	N/A	N/A	0.85%	0.51%	0.53%	0.55%	0.57%	0.58%	0.58%	0.59%	0.61%	0.60%	0.61%
MTBE Conc 3 ug/L (DLR)								43	44	45	49	49	51
Percent of Sampled Sources								0.48%	0.49%	0.49%	0.53%	0.51%	0.53%
MTBE Conc > 5ug/L						27	29	32	33	33	34	34	35
Percent of Sampled Sources						0.37%	0.39%	0.36%	0.36%	0.36%	0.36%	0.36%	0.36%
MTBE Conc >13 ug/L						16	16	19	19	19	19	19	20
Percent of Sampled Sources						0.22%	0.21%	0.21%	0.21%	0.21%	0.20%	0.20%	0.21%
SW Sources with MTBE Detections	11	20	29	21	21	24	25	30	31	31	31	31	31
+ / - Additional Detections	0	9	9	-8	0	3	1	5	1	0	0	0	0
Percent of Sampled SW Sources	N/A	N/A	8.36%	5.05%	4.91%	4.70%	4.73%	4.66%	4.71%	4.63%	4.57%	4.47%	4.44%
MTBE Conc 3 ug/L (DLR)								16	16	16	17	17	17
Percent of Sampled Sources								2.48%	2.43%	2.39%	2.51%	2.45%	2.44%
MTBE Conc > 5ug/L						8	8	8	8	8	8	8	8
Percent of Sampled Sources						1.57%	1.51%	1.24%	1.22%	1.19%	1.18%	1.15%	1.15%
MTBE Conc >13 ug/L						2	2	2	2	2	2	2	2
Percent of Sampled Sources						0.39%	0.38%	0.31%	0.30%	0.30%	0.29%	0.29%	0.29%

Number of MTBE detections adjusted significantly downward without explanation between 07/99 and 08/99 and then again between 11/99 and 01/00.
 In the July 3, 2000 activity report the total number of systems and the GW & SW sources were reported in a footnote as rounded numbers (underlined).
 There is a significant change in the total system number, from 4681 to an estimated 4900, without explanation.
 On & after 07/03/00, the report uses rounded estimates for the total number of systems and sources (italicized).