

California Drinking Water Standards

Contaminant	MCL	DLR	Notes
Inorganic Chemicals			
Aluminum	1 mg/L	0.05 mg/L	
Antimony	0.006 mg/L	0.006 mg/L	
Arsenic	0.010 mg/L	0.002 mg/L	
Asbestos	7 MFL	0.2 MFL	MFL = million fibers per liter
Barium	1 mg/L	0.1 mg/L	
Beryllium	0.004 mg/L	0.001 mg/L	
Cadmium	0.005 mg/L	0.001 mg/L	
Chromium, Total	0.05 mg/L	0.01 mg/L	
Chromium, Hexavalent	---	---	MCL to be established; currently regulated under the total chromium MCL
Cyanide	0.15 mg/L	0.1 mg/L	
Fluoride	2 mg/L	0.1 mg/L	
Mercury	0.002 mg/L	0.001 mg/L	
Nickel	0.1 mg/L	0.01 mg/L	
Nitrate (as N)	10 mg/L	0.4 mg/L	
Nitrite (as N)	1 mg/L	0.4 mg/L	
Nitrate + Nitrite (as N)	10 mg/L	---	
Perchlorate	0.006 mg/L	0.004 mg/L	
Selenium	0.05 mg/L	0.005 mg/L	
Thallium	0.002 mg/L	0.001 mg/L	
	Action Level	DLR	
Copper	1.3 mg/L	0.05 mg/L	
Lead	0.015 mg/L	0.005 mg/L	
	MCL	DLR	
Radionuclides			
Gross alpha particle activity	15 pCi/L	3 pCi/L	pCi/L = picocuries per liter
Gross beta particle activity	50 pCi/L	4 pCi/L	
Radium-226	---	1 pCi/L	
Radium-228	---	1 pCi/L	
Radium-226 + Radium-228	5 pCi/L	---	
Strontium-90	8 pCi/L	2 pCi/L	
Tritium	20,000 pCi/L	1,000 pCi/L	
Uranium	20 pCi/L	1 pCi/L	
Volatile Organic Chemicals			
Benzene	0.001 mg/L	0.0005 mg/L	
Carbon tetrachloride	0.0005 mg/L	0.0005 mg/L	
1,2-Dichlorobenzene	0.6 mg/L	0.0005 mg/L	
1,4-Dichlorobenzene	0.005 mg/L	0.0005 mg/L	
1,1-Dichloroethane	0.005 mg/L	0.0005 mg/L	
1,2-Dichloroethane	0.0005 mg/L	0.0005 mg/L	
1,1-Dichloroethylene	0.006 mg/L	0.0005 mg/L	
cis-1,2-Dichloroethylene	0.006 mg/L	0.0005 mg/L	
trans-1,2-Dichloroethylene	0.01 mg/L	0.0005 mg/L	
Dichloromethane	0.005 mg/L	0.0005 mg/L	
1,2-Dichloropropane	0.005 mg/L	0.0005 mg/L	
1,3-Dichloropropene	0.0005 mg/L	0.0005 mg/L	
Ethylbenzene	0.3 mg/L	0.0005 mg/L	
Methyl tertiary butyl ether (MTBE)	0.013 mg/L	0.003 mg/L	
Monochlorobenzene	0.07 mg/L	0.0005 mg/L	
Styrene	0.1 mg/L	0.0005 mg/L	
1,1,1,2-Tetrachloroethane	0.001 mg/L	0.0005 mg/L	
Tetrachloroethylene (PCE)	0.005 mg/L	0.0005 mg/L	
Toluene	0.15 mg/L	0.0005 mg/L	
1,2,4-Trichlorobenzene	0.005 mg/L	0.0005 mg/L	
1,1,1-Trichloroethane	0.2 mg/L	0.0005 mg/L	
1,1,2-Trichloroethane	0.005 mg/L	0.0005 mg/L	
Trichloroethylene (TCE)	0.005 mg/L	0.0005 mg/L	
Trichlorofluoromethane (Freon 11)	0.15 mg/L	0.005 mg/L	
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.2 mg/L	0.01 mg/L	
Vinyl chloride	0.0005 mg/L	0.0005 mg/L	
Xylenes	1.75 mg/L	0.0005 mg/L	
Non-Volatile Synthetic Organic Chemicals			
Alachlor	0.002 mg/L	0.001 mg/L	
Atrazine	0.001 mg/L	0.0005 mg/L	
Bentazon	0.018 mg/L	0.002 mg/L	
Benzo(a)pyrene	0.0002 mg/L	0.0001 mg/L	
Carbofuran	0.018 mg/L	0.005 mg/L	
Chlordane	0.0001 mg/L	0.0001 mg/L	
Dalapon	0.2 mg/L	0.01 mg/L	
1,2-Dibromo-3-chloropropane (DBCP)	0.0002 mg/L	0.00001 mg/L	
2,4-Dichlorophenoxyacetic acid (2,4-D)	0.07 mg/L	0.01 mg/L	
Di(2-ethylhexyl)phthalate (DEHP)	0.004 mg/L	0.003 mg/L	
Dinoseb	0.007 mg/L	0.002 mg/L	
Diquat	0.02 mg/L	0.004 mg/L	
Endrin	0.002 mg/L	0.0001 mg/L	
Endothal	0.1 mg/L	0.045 mg/L	
Ethylene dibromide (EDB)	0.00005 mg/L	0.00002 mg/L	
Glyphosate	0.7 mg/L	0.025 mg/L	
Heptachlor	0.00001 mg/L	0.00001 mg/L	
Heptachlor epoxide	0.00001 mg/L	0.00001 mg/L	
Hexachlorobenzene	0.001 mg/L	0.0005 mg/L	
Hexachlorocyclopentadiene	0.05 mg/L	0.001 mg/L	
Lindane	0.0002 mg/L	0.0002 mg/L	
Methoxychlor	0.03 mg/L	0.01 mg/L	
Molinate	0.02 mg/L	0.002 mg/L	
Oxamyl	0.05 mg/L	0.02 mg/L	
Pentachlorophenol	0.001 mg/L	0.0002 mg/L	
Picloram	0.5 mg/L	0.001 mg/L	
Polychlorinated biphenyls (PCBs)	0.0005 mg/L	0.0005 mg/L	
Simazine	0.004 mg/L	0.001 mg/L	
2,4,5-TP (Silvex)	0.05 mg/L	0.001 mg/L	
2,3,7,8-TCDD (dioxin)	30 pg/L	5 pg/L	
Thiobencarb	0.07 mg/L	0.001 mg/L	
Toxaphene	0.003 mg/L	0.001 mg/L	
1,2,3-Trichloropropane	0.000005 mg/L	0.000005 mg/L	

Disinfection Byproducts			
Total Trihalomethanes	0.080 mg/L	---	
Bromodichloromethane	---	0.0005 mg/L	
Bromoform	---	0.0005 mg/L	
Chloroform	---	0.0005 mg/L	
Dibromochloromethane	---	0.0005 mg/L	
Haloacetic Acids (five) (HAA5)	0.060 mg/L	---	
Monochloroacetic Acid	---	0.002 mg/L	
Dichloroacetic Acid	---	0.001 mg/L	
Trichloroacetic Acid	---	0.001 mg/L	
Monobromoacetic Acid	---	0.001 mg/L	
Dibromoacetic Acid	---	0.001 mg/L	
Bromate	0.010 mg/L	0.005 mg/L	
Chlorite	1.0 mg/L	0.02 mg/L	

Secondary Standards			
Aluminum	0.2 mg/L	---	
Color	15 Units	---	
Copper	1.0 mg/L	---	
Foaming Agents (MBAS)	0.5 mg/L	---	
Iron	0.3 mg/L	---	
Manganese	0.05 mg/L	---	
Methyl tertiary butyl ether (MTBE)	0.005 mg/L	---	
Odor - Threshold	3 Units	---	
Silver	0.1 mg/L	---	
Thiobencarb	0.001 mg/L	---	
Turbidity	5 Units	---	
Zinc	5.0 mg/L	---	
Total Dissolved Solids (TDS)	1,000 mg/L		Upper Secondary MCL
Specific Conductance	1600 umhos		Upper Secondary MCL
Chloride	500 mg/L		Upper Secondary MCL
Sulfate	500 mg/L	0.5 mg/L	Upper Secondary MCL

Microorganisms			
Total Coliforms (includes <i>E. coli</i>)	2* / 5% **		* 2 or more total coliform positive samples for systems collecting less than 40 samples per month; ** 5% total coliform positive samples for systems collecting 40 or more samples per month.
Cryptosporidium	Log Removal		Based on required log removal at specific source water quality
<i>Giardia lamblia</i>	Log Removal		Based on required log removal at specific source water quality
Viruses	Log Removal		Based on required log removal at specific source water quality

Contaminants with Notification Levels	
Contaminant	Notification Level
Boron	1 mg/L
n-Butylbenzene	0.26 mg/L
sec-Butylbenzene	0.26 mg/L
tert-Butylbenzene	0.26 mg/L
Carbon disulfide	0.16 mg/L
Chlorate	0.8 mg/L
2-Chlorotoluene	0.14 mg/L
4-Chlorotoluene	0.14 mg/L
Diazinon	0.0012 mg/L
Dichlorodifluoromethane (Freon 12)	1 mg/L
1,4-Dioxane	0.001 mg/L
Ethylene glycol	14 mg/L
Formaldehyde	0.1 mg/L
HMX	0.35 mg/L
Isopropylbenzene	0.77 mg/L
Manganese	0.5 mg/L
Methyl isobutyl ketone (MIBK)	0.12 mg/L
Napthalene	0.017 mg/L
N-Nitrosodiethylamine (NDEA)	0.0001 mg/L
N-Nitrosodimethylamine (NDMA)	0.0001 mg/L
N-Nitrosodi-n-propylamine (NDPA)	0.0001 mg/L
Propachlor	0.09 mg/L
n-Propylbenzene	0.26 mg/L
RDX	0.0003 mg/L
Tertiary butyl alcohol (TBA)	0.012 mg/L
1,2,4-Trimethylbenzene	0.33 mg/L
1,3,5-Trimethylbenzene	0.33 mg/L
2,4,6-Trinitrotoluene (TNT)	0.001 mg/L
Vanadium	0.05 mg/L