

Title 21 Bottled Water vs Title 22 Public Water

Group	Analyte	Bottled Water MCL	Public Water MCL	Variance
Inorganic Chemicals				
IOC	Aluminum (Al)	200µg/l	1000µg/l	x
IOC	Antimony (Sb)	6	6	
IOC	Arsenic (As)	10	10	
IOC	Asbestos	No MCL	7MFL	x
IOC	Barium (Ba)	2000µg/l	1000µg/l	x
IOC	Beryllium (Be)	4	4	
IOC	Cadmium (Cd)	5	5	
IOC	Chromium (Cr)	100	50	x
IOC	Cyanide (CN)	200	150	x
IOC	Fluoride (F)	200	200	
IOC	Mercury (Hg)	2	2	
IOC	Nickel (Ni)	100	100	
IOC	Nitrate (as NO3)	No MCL	45mg/l	x
IOC	Nitrate as Nitrogen	10mg/l	No MCL	x
IOC	Nitrite as N	1	1	
IOC	Nitrate + Nitrite (sum as N)	10	10	
IOC	Perchlorate	No MCL	6µg/l	x
IOC	Selenium (Se)	50µg/l	50	
IOC	Thallium (Tl)	2	2	
IOC	Copper (Cu)	1000	1300	x
IOC	Lead (Pb)	5	15	x
Radionuclides				
R	Gross Alpha	15pCi/l	15pCi/L	
R	Gross Beta	50	4mrem/yr	x
R	Combined Radium 226 / 228	15	5pCi/l	x
R	Strontium 90	No MCL	8	x
R	Tritium	20,000	No MCL	x
R	Uranium	30µg/l (=20pCi/l)	20pCi/l	x
Volatile Organic Chemicals				
VOC	Benzene	5	1µg/l	x
VOC	Carbon tetrachloride	5	0.5	x
VOC	1,2-Dichlorobenzene	600	600	
VOC	1,4-Dichlorobenzene	75	5	x
VOC	1,1-Dichloroethane	No MCL	5	
VOC	1,2-Dichloroethane	5	0.5	x
VOC	1,1-Dichloroethene	7	6	x
VOC	cis-1,2-Dichloroethene	70	6	x
VOC	trans-1,2-dichloroethene	100	10	x
VOC	Methylene chloride	5	5	x
VOC	1,2-Dichloropropane	5	5	
VOC	1,3-Dichloropropene	No MCL	0.5	
VOC	Ethylbenzene	700	300	x
VOC	Methyl tertiary butyl ether (MTBE)	No MCL	13	x
VOC	Monochlorobenzene	100	70	x
VOC	Styrene	100	100	x
VOC	1,1,2,2-Tetrachloroethane	No MCL	1	
VOC	Tetrachloroethene	5	5	x
VOC	Toluene	1000	150	
VOC	1,2,4-Trichlorobenzene	70	5	x
VOC	1,1,1-Trichloroethane	200	200	x
VOC	1,1,2-Trichloroethane	5	5	
VOC	Trichloroethylene	5	5	
VOC	Trichlorofluoromethane	No MCL	150	
VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	No MCL	1200	x
VOC	Vinyl chloride	2	0.5	x
VOC	Xylenes	10,000	0.5	x

Group	Analyte	Bottled Water MCL	Public Water MCL	Variance
Synthetic Organic Chemicals				
SOC	Alachlor	2µg/l	2µg/l	
SOC	Atrazine	3	1	x
SOC	Bentazon	No MCL	18	x
SOC	Benzo(a)pyrene	0.2	0.2	
SOC	Carbofuran	40	18	x
SOC	Chlordane	2	0.1	x
SOC	Dalapon	200	200	
SOC	1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.2	
SOC	2,4-D	70	70	
SOC	Di(2-ethylhexyl)adipate	400	400	
SOC	Di(2-ethylhexyl)phthalate (DEHP)	6	4	x
SOC	Dinoseb	7	7	
SOC	Diquat	20	20	
SOC	Endothall	100	100	
SOC	Endrin	2	2	
SOC	Ethylene dibromide (EDB)	0.05	0.05	
SOC	Glyphosate	700	700	
SOC	Heptachlor	0.4	0.01	x
SOC	Heptachlor epoxide	0.2	0.01	x
SOC	Hexachlorobenzene	1	1	
SOC	Hexachlorocyclopentadiene	50	50	
SOC	Lindane	0.2	0.2	
SOC	Methoxychlor	40	30	x
SOC	Molinate	No MCL	20	x
SOC	Oxamyl	200	50	x
SOC	Pentachlorophenol	1	1	
SOC	Picloram	500	500	
SOC	Polychlorinated biphenyls (PCBs)	0.5	0.5	
SOC	Simazine	4	4	
SOC	2,4,5-TP (Silvex)	50	50	
SOC	2,3,7,8-TCDD (Dioxin)	3 x 10 ⁻⁸	3 x 10 ⁻⁸	
SOC	Thiobencarb	No MCL	70	x
SOC	Toxaphene	3	3	
SOC	Phenol	1	No MCL	x
Disinfectant By-product Chemicals				
DBP	Bromate	10	10	
DBP	Chlorite	1,000	1,000	
DBP	Total trihalomethanes	10	80	x
DBP	Haloacetic acids	60	60	
General Mineral & General Physical				
GM/GP	Color	15mg/l	0.2mg/l	x
GM/GP	Foaming Agents	No MCL	0.5	x
GM/GP	Iron (Fe)	No MCL	0.3	x
GM/GP	Manganese (Mn)	No MCL	0.05	x
GM/GP	Odor - Threshold	3units	3units	
GM/GP	Silver (Ag)	No MCL	0.1mg/l	x
GM/GP	Turbidity	5 units	5 units	
GM/GP	Zinc (Zn)	No MCL	5mg/l	x
GM/GP	Total Dissolved Solids (TDS)	500mg/l	500	
GM/GP	Conductance	No MCL	900µs/cm	x
GM/GP	Chloride	No MCL	250mg/l	x
GM/GP	Sulfate	No MCL	250mg/l	x
Microorganisms				
M	Cryptosporidium	No MCL	0	x
M	Giardia lamblia	No MCL	0	x
M	Heterotrophic Plate Count (HPC)	No MCL	500cfu/l	x
M	Legionella	No MCL	0	x
M	Total Coliform (includes E.coli)	2.2MPN	0	x
M	Viruses (enteric)	No MCL	0	x