

CONTAMINANTS REGULATED BY THE SAFE DRINKING WATER BRANCH (updated 7/10/14)

MICROBIOLOGICAL	
Total Coliform Bacteria:	
- 40 or more samples per month:	No more than 5.0% of the samples may be total coliform positive
- Less than 40 samples/month:	No more than 1 sample/month may be total coliform positive.
E. coli or Fecal Coliform Bacteria:	
An acute violation occurs when:	
- A total coliform positive routine is followed by an E. coli or fecal coliform positive repeat, OR	
- An E. coli or fecal coliform positive routine is followed by a total coliform positive repeat.	

CONTAMINANT	MCL (mg/l)
INORGANIC CHEMICALS	
Arsenic	0.01
Asbestos	7 million fibers per liter (longer than 10 µm)
Barium	2
Cadmium	0.005
Chromium	0.1
Copper (Action Level)	1.3
Lead (Action Level)	0.015
Mercury	0.002
Nitrate (as Nitrogen)	10
Nitrite (as Nitrogen)	1
Total Nitrate & Nitrite (as Nitrogen)	10
Selenium	0.05
Antimony	0.006
Beryllium	0.004
Cyanide (as free Cyanide)	0.2
Thallium	0.002
Fluoride	4.0

DISINFECTION BYPRODUCTS	
Total trihalomethanes (TTHM) (sum of chloroform, bromoform, bromodichloromethane, and dibromochloromethane).	0.080
Total Haloacetic acids (five) (HAA5) (sum of mono-, di-, trichloroacetic acids and mono- and dibromoacetic acids).	0.060
Bromate	0.010
Chlorite	1.0

RADIONUCLIDES	
(applies to all community water systems)	
Gross alpha particle	15 pCi/l
Combined radium 226/228	5 pCi/l
Uranium	30 µg/L
Beta particle and photon radioactivity	4 mrem/yr
(applies only to water systems designated as vulnerable by the state)	

CONTAMINANT	MCL, (mg/l)
ORGANIC CHEMICALS	
Volatile Organic Chemicals	
Benzene	0.005
Carbon Tetrachloride	0.005
Chlorobenzene	0.1
o-Dichlorobenzene	0.6
para-Dichlorobenzene	0.075
1,2-Dichloroethane	0.005
1,1-Dichloroethylene	0.007
cis-1,2-Dichloroethylene	0.07
trans-1,2-Dichloroethylene	0.1
DCP (1,2-Dichloropropane)	0.005
Ethylbenzene	0.7
Styrene	0.1
Tetrachloroethylene	0.005
Toluene	1
1,1,1-Trichloroethane	0.2
Trichloroethylene	0.005
TCP (1,2,3-Trichloropropane)	0.0006
Vinyl Chloride	0.002
Xylenes (total)	10
Dichloromethane	0.005
1,2,4-Trichlorobenzene	0.07
1,1,2-Trichloroethane	0.005
Synthetic Organic Chemicals	
Alachlor	0.002
Atrazine	0.003
Carbofuran	0.04
Chlordane	0.002
DBCP (Dibromochloropropane)	0.00004
2,4-D	0.07
EDB (Ethylene Dibromide)	0.00004
Heptachlor	0.0004
Heptachlor Epoxide	0.0002
Lindane	0.0002
Methoxychlor	0.04
Polychlorinated biphenyls (PCB)	0.0005
Pentachlorophenol	0.001
Toxaphene	0.003
2,4,5-TP (Silvex)	0.05
Benzo(a)pyrene	0.0002
Dalapon	0.2
Di(2-ethylhexyl) adipate	0.4
Di(2-ethylhexyl) phthalate	0.006
Dinoseb	0.007
Diquat	0.02
Endothall	0.1
Endrin	0.002
Glyphosate	0.7
Hexachlorobenzene	0.001
Hexachlorocyclopentadiene	0.05
Oxamyl (Vydate)	0.2
Picloram	0.5
Simazine	0.004
2,3,7,8-TCDD (Dioxin)	3 X 10 ⁻⁸
Unregulated Contaminant	MRL, (mg/l)
Dieldrin	0.00001