

**Table 7.9**  
**Typical Water Quality Standards**  
 (subject to change)

contaminant/quality	MCL
inorganic compounds	
arsenic	0.05 mg/l
barium	1.0 mg/l
cadmium	0.01 mg/l
chloride	250 mg/l
chromium	0.05 mg/l
copper	1.0 mg/l
cyanide	0.005 mg/l
iron	0.3 mg/l
lead	0.05 mg/l
manganese	0.05 mg/l
mercury	0.002 mg/l
nitrate	10 mg/l
selenium	0.01 mg/l
silver	0.05 mg/l
sulfate	250 mg/l
zinc	5.0 mg/l
organic compounds	
trihalomethanes (total)	0.1 mg/l
organic pesticides	
endrin	0.0002 mg/l
lindane	0.004 mg/l
methoxychlor	0.1 mg/l
toxaphene	0.005 mg/l
2,4-D	0.1 mg/l
2,4,5-TP(silvex)	0.01 mg/l
miscellaneous regulations	
pH	6.5- 8.5
turbidity	1 NTU
color	15 units
microbiological	1 coliform/100 ml
total dissolved solids	500 mg/l
odor (in threshold odor numbers)	3 T.O.N.

**Table 7.10**  
**Annual Average Water Requirements (gpcd)**  
 (Excluding fire fighting)

residential	75-130
commercial & industrial	70-100
public	10-20
loss & waste	10-20
	<u>165-270</u> total