

Parameter	Unit	Maximum Level
Microbial Parameters		
Total Coliforms	CFU/100 ml,MPN/100 ml	6
Total Bacterial Count	CFU/ ml	100
Physical Parameters		
Odor	TON	3
Turbidity	NTU	2
Colour	Pt-Co Units	5
Substances Affecting Health		
Arsenic (As)	mg/L	0.01
Lead (Pb)	mg/L	0.01
Selenium(Se)	mg/L	0.01
Chromium(Cr)	mg/L	0.05
Cadmium(Cd)	mg/L	0.005
Barium(Ba)	mg/L	2.0
Antimony(Sb)	mg/L	0.01
Nickel(Ni)	mg/L	0.07
Mercury(Hg)	mg/L	0.002
Cyanide(CN ⁻)	mg/L	0.05
Nitrite Nitrogen as N	mg/L	0.1
Disinfection by-product		
THMs	mg/L	0.08
Haloacetic Acids		
sum of concentration of MCAA, DCAA, MBAA, DBAA	mg/L	0.060
Bromate	mg/L	0.01
Chlorite	mg/L	0.7
Volatile Organics		
Trichloroethylene	mg/L	0.005
Carbon Tetrachloride	mg/L	0.005
1,1,1,-Trichloroethane	mg/L	0.20
1,2-Dichloroethane	mg/L	0.005
Vinyl Chloride	mg/L	0.0003
Benzene	mg/L	0.005
Para Dichlorobenzene	mg/L	0.075
1,1 -Dichloroethylene	mg/L	0.007
Dichloromethane	mg/L	0.02
1,2-Dichlorobenzene	mg/L	0.6
Toluene	mg/L	0.7
Xylenes	mg/L	0.5
cis-1,2-Dichloroethene	mg/L	0.07
trans-1,2-Dichloroethene	mg/L	0.1
Tetrachlorethene	mg/L	0.005

Parameter	Unit	Maximum Level
Pesticides		
Endosulfan	mg/L	0.003
Lindane	mg/L	0.0002
Butachlor	mg/L	0.02
2,4-Dichlooxy acetic acid	mg/L	0.07
Paraquat	mg/L	0.01
Methomyl	mg/L	0.01
Carbofuran	mg/L	0.02
Isoproc carb	mg/L	0.02
Methamidophos	mg/L	0.02
Diazinon	mg/L	0.005
Parathion	mg/L	0.02
EPN	mg/L	0.005
Monochrotophos	mg/L	0.003
Persistent Organic Pollutants,POPs		
Dioxin	mg/L	3
Substances Probably Affecting Health		
Fluoride	mg/L	0.8
Nitrate Nitrogen as N	mg/L	10.0
Silver (Ag)	mg/L	0.05
Substances Affecting Palatability		
Iron(Fe)	mg/L	0.3
Manganese(Mn)	mg/L	0.05
Copper(Cu)	mg/L	1.0
Zinc(Zn)	mg/L	5.0
Sulfate (SO ₄ ²⁻)	mg/L	250
Phenols	mg/L	0.001
MBAS	mg/L	0.5
Chloride(Cl)	mg/L	250
Ammonia Nitrogen as N	mg/L	0.1
Total Hardness(CaCO ₃)	mg/L	300
Total Dissolved Solids	mg/L	500
Aluminium(Al)	mg/L	0.3
Residual Chlorine	mg/L	0.2-1.0
pH Value		6.0-8.5