

PUB NEWater Quality (Typical Values)			
Parameters	Unit	WHO Guideline Value*	Typical Value
Microbiological Parameter			
<i>Escherichia coli</i> (<i>E. coli</i>)	cfu/100ml	< 1	< 1
Physical Parameters			
Chlorine	mg/L	≤ 5	< 2
Colour	Hazen	-	< 5
Conductivity	µS/cm	-	< 250
pH Value	Units	-	7.0 - 8.5
Total Dissolved Solids (TDS)	mg/L	-	< 150
Turbidity	NTU	-	< 5
Chemical Parameters			
Aluminium	mg/L	-	< 0.1
Ammonia (as N)	mg/L	-	< 1.0
Barium	mg/L	≤ 1.3	< 0.1
Boron	mg/L	≤ 2.4	< 0.5
Calcium	mg/L	-	< 20
Chloride	mg/L	-	< 20
Copper	mg/L	≤ 2	< 0.05
Fluoride	mg/L	≤ 1.5	< 0.5
Iron	mg/L	-	< 0.04
Manganese	mg/L	≤ 0.08	< 0.05
Nitrate (as N)	mg/L	≤ 11	< 5
Silica (as SiO ₂)	mg/L	-	< 3
Sodium	mg/L	-	< 20
Strontium	mg/L	-	< 0.1
Sulphate	mg/L	-	< 5
Total Hardness (as CaCO ₃)	mg/L	-	< 50
Total Organic Carbon (TOC)	mg/L	-	< 0.5
Total Trihalomethanes (TTHMs)	mg/L	-	< 0.08
Zinc	mg/L	-	< 0.1

*WHO Guideline Values listed in this report are obtained from WHO Guidelines for Drinking-water Quality (2022), 4th Edition incorporating the 1st and 2nd Addenda.

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