

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
Heterotrophic Plate Count (HPC)	cfu/mL	-	<1
Physical Parameters			
Colour	Hazen	-	<5
Conductivity	uS/cm	-	<250
Chlorine	mg/L	5	<2
pH Value	Units	-	7.0 - 8.5
Total Dissolved Solids (TDS)	mg/L	-	<150
Turbidity	NTU	-	<5
Chemical Parameters			
Ammonia (as N)	mg/L	-	<1.0
Aluminium	mg/L	-	<0.1
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
Sodium	mg/L	-	<20
Sulphate	mg/L	-	<5
Silica (as SiO ₂)	mg/L	-	<3
Strontium	mg/L	-	<0.1
Total Trihalomethanes (TTHMs)	mg/L	-	<0.08
Total Organic Carbon (TOC)	mg/L	-	<0.5
Total Hardness (as CaCO ₃)	mg/L	-	<50
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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