

POTABLE WATER

Parameter	Min	Max	Units
TDS	-	350	mg/L
pH	7.5	8.5	-
Turbidity	-	1	NTU
Total Alkalinity	50	-	mg/l (CaCO ₃)
Total Hardness	50	100	mg/l (CaCO ₃)
Langelier Saturation Index	0.0	0.5	-
Residual Chlorine	0.2	0.5	mg/L
Sodium	-	110	mg/L
Chloride	-	120	mg/L
Sulphate	-	5	mg/L
Boron	-	2.4	mg/L

All other parameters shall comply with GSO 149-2021 Standard for Unbottled Drinking Water.

RECYCLED WATER

Parameter	Limit	Units
pH	6.5 – 8.5	mg/L
Floating Materials	None	-
Turbidity	5	NTU
COD	90	mg/L
BOD5	10	mg/L
TSS	10	mg/L
TDS	2000	mg/L
Nitrate (NO ₃ -N)	10	mg/L
Ammonia (NH ₃ -N)	5	mg/L
Fat, Oil & Grease	None	mg/L
Free Chlorine	0.2-0.5	mg/L
Chloride	350	mg/L
Sodium	200	mg/L
Sodium Adsorption Ratio (SAR)	20	SAR Unit
Boron	0.75	mg/L
Aluminium	5	mg/L
Arsenic	0.1	mg/L
Barium	1	mg/L
Beryllium	0.1	mg/L
Cadmium	0.01	mg/L
Chromium (total)	0.1	mg/L
Cobalt	0.05	mg/L
Copper	0.2	mg/L
Fluoride	1	mg/L
Iron	5	mg/L
Lead	0.1	mg/L
Lithium	2.5	mg/L
Manganese	0.2	mg/L
Mercury	0.001	mg/L

Molybdenum	0.01	mg/L
Nickel	0.2	mg/L
Phenols	0.002	mg/L
Selenium	0.02	mg/L
Silver	0.3	mg/L
Vanadium	0.1	mg/L
Zinc	2	mg/L
Microbial		
E.Coli	2.2	per 100 ml
Helminth Ova	0	per L
Legionella	1000	per L

Unless otherwise specified, recycled water quality parameters shall comply with MEWA parameters for reuse as outlined in Water Quality Standards and Specifications (March 2021).

These standards are subject to periodic review.