

Table 12 Water quality items and limits of discharge from dedicated sewage systems in communities

Scope	Item		Limit	Remarks
All	Water temperature	Discharge into non-marine surface water bodies	Lower than 38°C (from May to September)	
			Lower than 35°C (from October to April of the following year)	
		Direct discharge into the ocean	Water temperature at discharge point $\leq 42^{\circ}\text{C}$; temperature difference of surface water 500m from discharge point $\leq 4^{\circ}\text{C}$	
	Hydrogen ion concentration index		6.0–9.0	
	Nitrate nitrogen		50	
	Ammonia nitrogen	Discharged into tap water quality and volume protection area	10	
	Orthophosphate (calculated based on trivalent phosphate ion)	Discharged into tap water quality and volume protection area	4.0	
	Anionic surfactant		10	
	Grease (Hexane extracts)		10	
	Dissolved iron		10	
	Dissolved manganese		10	
	Cadmium		0.03	
	Lead		1.0	
	Total chromium		2.0	
	Hexavalent chromium		0.5	
	Methyl mercury		0.0000002	
	Total mercury		0.005	
	Copper		3.0	
	Zinc		5.0	
	Silver		0.5	
	Nickel		1.0	
	Selenium		0.5	
	Arsenic		0.5	
	Boron	Discharged into tap water quality and volume protection area	1.0	
		Discharged into sites outside tap water quality and volume protection area	5.0	
Discharge volume > 250 m ³ /day	Biochemical oxygen demand		30	
	Chemical oxygen demand		100	
	Suspended solids		30	
	Coliform group		200,000	
Discharge volume ≤ 250 m ³ /day	Biochemical oxygen demand		50	
	Chemical oxygen demand		150	
	Suspended solids		50	
	Coliform group		300,000	