

Table 15 Water quality items and limits of discharge from building sewage treatment facilities

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	
Application	Discharge volume > 250	Biochemical oxygen demand		30	
		Chemical oxygen demand		100	

	m <sup>3</sup> /day	Suspended solids	30	
		Coliform group	200,000	
	Discharge volume ≤ 250 m <sup>3</sup> /day	Biochemical oxygen demand	50	
		Chemical oxygen demand	150	
		Suspended solids	50	
		Coliform group	300,000	Not applicable to discharge volume < 50 m <sup>3</sup> /day
Application for construction license before Dec. 31, 2008	Discharge volume > 250 m <sup>3</sup> /day	Biochemical oxygen demand	30	
		Chemical oxygen demand	100	
		Suspended solids	30	
		Coliform group	200,000	
	50 m <sup>3</sup> < Discharge volume < 250 m <sup>3</sup> /day	Biochemical oxygen demand	50	
		Chemical oxygen demand	150	
		Suspended solids	50	
		Coliform group	300,000	
	Discharge volume < 50 m <sup>3</sup> /day	Biochemical oxygen demand	80	
		Chemical oxygen demand	250	
		Suspended solids	80	