

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 (for May to September) Lower than 35°C (for October to next April)	
		Direct discharge to 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	
	Nitrite 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	
	Anion 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 places outside tap water quality and volume protection area	5.0	

Application for construction license after Jan. 1, 2009	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	Not applicable to discharge volume < 50 m ³ /day
Application for construction license before Dec. 31, 2008	Discharge volume > 250 m ³ /day	Biochemical oxygen demand	30	
		Chemical oxygen demand	100	
		Suspended solids	30	
		Coliform group	200,000	
	50 m ³ < Discharge volume < 250 m ³ /day	Biochemical oxygen demand	50	
		Chemical oxygen demand	150	
		Suspended solids	50	
		Coliform group	300,000	
	Discharge volume < 50 m ³ /day	Biochemical oxygen demand	80	
		Chemical oxygen demand	250	
		Suspended solids	80	