

Table 14 Water quality items and limits of discharge from public sewage systems

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 ≤ 42°C; temperature difference of surface water 500m from discharge point ≤ 4°C	
	Hydrogen ion concentration index			6.0–9.0	
	Nitrate nitrogen			50	Not applicable to total nitrogen control.
	Orthophosphate (calculated based on trivalent phosphate ion)	Discharged into tap water quality and volume protection area		4.0	Not applicable to total phosphorus control.
	Total phosphorus	Discharged into tap water quality and volume protection area	Tendering procedures not completed before Nov. 23, 2001	2.0	
	Anionic surfactant			10	
	Grease (Hexane extracts)			10	
	Free available residual chlorine	Constructed, under construction or tendering procedures completed before Dec. 18, 2024		2.0	1. In effect from Jan. 1, 2027. 2. In response to epidemic prevention or special sanitation and disinfection needs, this standard may not apply during the establishment period of the Central Epidemic Command Center or when other epidemic prevention needs are approved by the competent authority.
		Tendering procedures not completed before Dec. 18, 2024		2.0	In response to epidemic

						prevention or special sanitation and disinfection needs, this standard may not apply during the establishment period of the Central Epidemic Command Center or when other epidemic prevention needs are approved by the competent authority.
Discharge volume > 250 m ³ /day	Biochemical oxygen demand				30	
	Chemical oxygen demand				100	
	Suspended solids				30	
	Coliform group				200,000	
	Ammonia nitrogen	Discharged into tap water quality and volume protection area			6	
		Discharged into sites outside tap water quality and volume protection area	Maximum amount of industrial wastewater, intercepted discharge or manure approved for reception and treatment \geq 20% of maximum amount of total wastewater (sewage)	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	30	
				Tendering procedures not completed before Dec. 25, 2017	20	
			Maximum design volume of industrial wastewater, intercepted discharge or manure approved for reception and treatment \geq 20% of maximum volume of total wastewater (sewage); or no reception and treatment of	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	10	
				Tendering procedures not completed before Dec. 25, 2017	6	

			industrial wastewater, intercepted discharge or manure			
	Total nitrogen	Discharged into tap water quality and volume protection area	Tendering procedures not completed before Nov. 23, 2001		15	
		Discharged into sites outside tap water quality and volume protection area	Maximum design volume of industrial wastewater, intercepted discharge or manure approved for reception and treatment \geq 20% of maximum volume of total wastewater (sewage); or no reception and treatment of industrial wastewater, intercepted discharge or manure	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	35	
				Tendering procedures not completed before Dec. 25, 2017	20	
Discharge volume \leq 250 m ³ /day	Biochemical oxygen demand				50	
	Chemical oxygen demand				150	
	Suspended solids				50	
	Coliform group				300,000	
	Ammonia nitrogen	Discharged into tap water quality and volume protection area			10	
	Total nitrogen	Discharged into tap water quality and volume protection area	Tendering procedures not completed before Nov. 23, 2001		15	