

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 (for May to September)		
				Lower than 35°C (for October to next April)		
		Direct discharge to 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		
	Nitrite 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		
	Anion surfactant			10		
	Grease (Hexane extracts)			10		
	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		10		
				6	In effect from Jan. 1, 2024.	
		Discharged into places outside tap water quality and volume protection area	Maximum amount of industrial wastewater, intercepted discharge or manure approved for reception and treatment ≥ 20% of maximum amount of total wastewater (sewage)	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	75	In effect from Jan. 1, 2021.
				Tendering procedure not completed before Dec. 25, 2017	30	In effect from Jan. 1, 2024.
			Maximum design volume of industrial wastewater,	Constructed, under construction or tendering	10	In effect from Jan. 1, 2021.

			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	procedures completed before Dec. 25, 2017			
				Tendering procedure not completed before Dec. 25, 2017	10 6	In effect from Jan. 1, 2024.	
	Total nitrogen	Discharged into tap water quality and volume protection area	Tendering procedures not completed before Nov. 23, 2001		15		
		Discharged into places 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	50 35	In effect from Jan. 1, 2021. In effect from Jan. 1, 2024.	
				Tendering procedure 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	Tendering procedures not completed before Nov. 23, 2001		15		

		and volume protection area			
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