

Table 11 Water quality items and limits of discharge from dedicated sewage systems in other industrial parks

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	
	Villiaumite		15	
	Nitrate nitrogen		50	
	Ammonia nitrogen	Discharged into tap water quality and volume protection area	10	
		Discharged into sites outside tap water quality and volume protection area	75	
			30	In effect from Jan. 1, 2027.
		Tendering procedures not completed before Dec. 25, 2017	20	
	Orthophosphate (calculated based on trivalent phosphate ion)	Discharged into tap water quality and volume protection area	4.0	
	Phenols		1.0	
	Anionic surfactant		10	
	Cyanide		1.0	
	Grease (Hexane extracts)		10	
	Dissolved iron		10	
	Dissolved manganese		10	
	Cadmium		0.02	
	Lead		0.5	
	Total chromium		1.5	
	Hexavalent chromium		0.35	
	Copper	Constructed, under construction or tendering procedures completed before Dec. 18, 2024	1.5	
			1.0	In effect from Jan. 1, 2027.
		Tendering procedures not completed before Dec. 18, 2024	1.0	
	Zinc		3.5	
	Nickel		0.7	
	Selenium		0.35	
	Arsenic		0.35	
	Tin	Constructed, under	2.0	

		construction or tendering procedures completed before Dec. 25, 2017		
		Tendering procedures not completed before Dec. 25, 2017	1.0	
	Methyl mercury		0.0000002	
	Total mercury		0.005	
	Silver		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	
	Sulfide		1.0	
	Formaldehyde		3.0	
	Polychlorinated biphenyl		0.00005	
	Total organic phosphate agent		0.5	
	Total carbamate		0.5	
	Herbicide		1.0	
	Endosulfan		0.03	
	Endrin		0.0002	
	Lindane		0.004	
	Heptachlor and derivatives		0.001	
	DDT and derivatives		0.001	
	Aldrin and dieldrin		0.003	
	Pentachlorophenol and its salts		0.005	
	Toxaphene		0.005	
	Pentachloronitrobenzene		0.00005	
	Folpet		0.00025	
	Captafol		0.00025	
	Captan		0.00025	
	True color	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	400	
		Tendering procedures not completed before Dec. 25, 2017	300	
	Free available residual chlorine		2.0	
	Indium		0.1	
	Gallium		0.1	
	Molybdenum		0.6	
Constructed, under construction or tendering procedures completed before Jul. 31, 2009 with an approved discharge volume of less than 10,000 m ³ per day	Biochemical oxygen demand		Maximum	30
			7-day average	25
	Chemical oxygen demand		Maximum	100
			7-day average	80
	Suspended solids		Maximum	30
			7-day average	25
	Biochemical oxygen demand		Maximum	25

Tendering procedures not completed before Jul. 31, 2009; constructed, under construction or tendering procedures completed before Jul. 31, 2009 with an approved discharge volume of at least 10,000 m ³ per day		7-day average	20	
	Chemical oxygen demand	Maximum	80	
		7-day average	65	
	Suspended solids	Maximum	25	
		7-day average	20	