

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 (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	
	Villiaumite		15	
	Nitrite nitrogen		50	
Ammonia nitrogen	Discharged into tap water quality and volume protection area		10	
	Discharged into places outside tap water quality and volume protection area	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	100	In effect from Jan. 1, 2021.
			75	In effect from Jan. 1, 2024.
			30	In effect from Jan. 1, 2027.
	Tendering procedure 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	
Anion surfactant			10	
Cyanide			1.0	
Grease (Hexane extracts)			10	
Dissolved iron			10	
Dissolved manganese			10	
Cadmium	Constructed, under construction or tendering procedures completed before Dec. 25, 2017		0.03	
	Constructed, under construction or tendering procedures completed before Dec. 25, 2017		0.02	In effect from Jan. 1, 2021.
	Tendering procedures not completed before Dec. 25, 2017		0.02	
Lead	Constructed, under construction or tendering procedures completed before Dec. 25, 2017		1.0	
	Constructed, under construction or tendering procedures completed before Dec. 25, 2017		0.5	In effect from Jan. 1, 2021.
	Tendering procedures not completed before Dec. 25, 2017		0.5	

	Total chromium	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	2.0	
		Constructed, under construction or tendering procedures completed before Dec. 25, 2017	1.5	In effect from Jan. 1, 2021.
		Tendering procedures not completed before Dec. 25, 2017	1.5	
	Hexavalent chromium	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.5	
		Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.35	In effect from Jan. 1, 2021.
		Tendering procedures not completed before Dec. 25, 2017	0.35	
	Copper	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	3.0	
		Constructed, under construction or tendering procedures completed before Dec. 25, 2017	1.5	In effect from Jan. 1, 2021.
		Tendering procedures not completed before Dec. 25, 2017	1.5	
	Zinc	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	5.0	
		Constructed, under construction or tendering procedures completed before Dec. 25, 2017	3.5	In effect from Jan. 1, 2021.
		Tendering procedures not completed before Dec. 25, 2017	3.5	
	Nickel	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	1.0	
		Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.7	In effect from Jan. 1, 2021.
		Tendering procedures not completed before Dec. 25, 2017	0.7	
Selenium	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.5		
	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.35	In effect from Jan. 1, 2021.	
	Tendering procedures not completed before Dec. 25, 2017	0.35		
	Arsenic	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.5	
		Constructed, under construction or tendering procedures completed before Dec. 25, 2017	0.35	In effect from Jan. 1, 2021.
		Tendering procedures not completed before Dec. 25, 2017	0.35	

	Tin	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	2.0	In effect from Jan. 1, 2021.	
		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 places 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	550	In effect from Jan. 1, 2021.	
		Tendering procedures not completed before Dec. 25, 2017	400		
			300		
	Free available residual chlorine	Constructed, under construction or tendering procedures completed before Dec. 25, 2017	2.0	In effect from Jan. 1, 2021.	
		Tendering procedures not completed before Dec. 25, 2017	2.0		
Indium			0.1		
Gallium			0.1		
Molybdenum			0.6		
Constructed, under construction or tendering procedures completed before Jul. 31,	Biochemical oxygen demand		Maximum	30	
			7-day average	25	
	Chemical oxygen demand		Maximum	100	
			7-day average	80	
Suspended solids		Maximum	30		

2009 with an approved discharge volume less than 10,000 m <sup>3</sup> per day		7-day average	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 at least 10,000 m <sup>3</sup> per day	Biochemical oxygen demand	Maximum	25	
		7-day average	20	
	Chemical oxygen demand	Maximum	80	
		7-day average	65	
	Suspended solids	Maximum	25	
		7-day average	20	