

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℃ (for May to September)		
			Lower than 35℃ (for October to next April)		
		Direct discharge to the ocean	Water temperature at discharge point ≤ 42℃; temperature difference of surface water 500m from discharge point ≤ 4℃		
	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 ending procedures completed before Dec. 25, 2017	550 400		In effect from Jan. 1, 2021.
			Tendering procedures not completed before Dec. 25, 2017	300		
Free available residual chlorine		Constructed, under construction or ending 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 ³ 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 ³ 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	