

Table 5 Turkish Environmental Regulation (2004), Quality Criteria of Inland Water Sources according to be Classes

		Water Quality Classes			
		I	II	III	IV
Physico-chemical parameters	1) Temperature (°C)	25	25	30	> 30
	2) pH	6.5-8.5	6.5-8.5	6.0-9.0	Above 6.0-9.0
	3) Dissolved oxygen (mg O ₂ .L ⁻¹)	8	6	3	< 3
	4) Saturated of Oxygen (%)	90	70	40	< 40
	5) Nitrite nitrogen (mg NO ₂ ⁻ -N.L ⁻¹)	0.002	0.01	0.05	> 0.05
	6) Nitrate nitrogen (mg NO ₃ ⁻ -N.L ⁻¹)	5	10	20	> 20
Organic parameter	Biological Oxygen Demand (BOD)	4	8	20	> 20