Table 1:
Physical, organoleptic and chemical requirements

Determinands	Units	Upper limit Ranges		
		Class 0 (Ideal)	Class I (Acceptable)	Class II (Max. Allowable)
Physical and organoleptic requirements				
Colour	mgPt/l	15	20	50
Conductivity at 25 ^{O}C	mS/m	70	150	370
Dissolved solids	mg/l	450	1 000	2 400
Odour	TON	1	5	10
pH value at 25 ^{O}C	pH units	6.0 - 9.0	5.0 - 9.5	4.0 - 10.0
Taste	FTN	1	5	10
Turbidity	NTU	0.1	1	10
Chemical requirements: Macro-determinands				
Ammonia as N	mg/l	0.2	1.0	2.0
Calcium as Ca	mg/l	80	150	300
Chloride as Cl	mg/l	100	200	600
Fluoride as Fl	mg/l	0.7	1.0	1.5
Magnesium as Mg	mg/l	30	70	100
Nitrate and nitrite as N	mg/l	6.0	10.0	20
Potassium as K	mg/l	25	50	100
Sodium as Na	mg/l	100	200	400
Sulphate as SO_4	mg/l	200	400	600
Zinc as Zn	mg/l	3.0	5.0	10.0
Chemical requirements: Micro-determinands				
Aluminium as Al	:g/l	150	300	500
Antimony as Sb	:g/l	5	10	50
Arsenic as As	:g/l	10	50	200
Cadmium as Cd	:g/l	3	5	20
Chromium as Cr	:g/l	50	100	500
Cobalt as Co	:g/l	250	500	1 000
Copper as Cu	:g/l	500	1 000	2 000
Cyanide (free) as CN	:g/l	70	70	70
Cyanide (recoverable) as CN	:g/l	70	200	300
Iron as Fe	:g/l	100	200	2 000
Lead as Pb	:g/l	10	50	100
Manganese as Mn	:g/l	50	100	1 000
Mercury as Hg	:g/l	1	2	5
Nickel as Ni	:g/l	50	150	350
Selenium as Se	:g/l	10	20	50
Vanadium as V	:g/l	100	200	500
Chemical requirements: Organic determinands				
Dissolved organic carbon as C	mg/l	5	10	20
Total trihalomethanes	mg/l	100	200	300
Phenols as phenol	mg/l	5	10	70