



Interim National Water Quality Standards For Malaysia Table2.3

INTERIM NATIONAL WATER QUALITY STANDARDS FOR MALAYSIA

CLASSES							
PARAMETERS	UNIT	I	IIA	IIB	III	IV	V
Ammoniacal Nitrogen	mg/l	0.1	0.3	0.3	0.9	2.7	>2.7
BOD	mg/l	1	3	3	6	12	>12
COD	mg/l	10	25	25	50	100	>100
DO	mg/l	7	5 - 7	5 - 7	3 - 5	<3	<1
pH		6.5 - 8.5	6 - 9	6 - 9	5 - 9	5 - 9	-
Colour	TCU	15	150	150	-	-	-
Elec. Conductivity *	umhos/cm	1000	1000	-	-	6000	-
Floatables		N	N	N	-	-	-
Odour		N	N	N	-	-	-
Salinity (%)	%	0.5	1	-	-	2	-
Taste		N	N	N	-	-	-
Total Dissolved Solid	mg/l	500	1000	-	-	4000	-
Total Suspended Solid	mg/l	25	50	50	150	300	300
Temperature (C)	°C	-	Normal +2°C		Normal +2°C	-	-
Turbidity (NTU)	NTU	5	50	50	-	-	-
Faecal Coliform **	counts/100mL	10	100	400	5000 (20000) a	5000 (20000) a	-
Total Coliform	counts/100mL	100	5000	5000	50000	50000	>50000

Notes

N : No visible floatable materials or debris or No objectionable odour, or No objectionable taste

* : Related parameters, only one recommended for use

** : Geometric mean

a : maximum not to be exceeded

ClassUses

CLASS I : Conservation of natural environment water supply 1 - practically no treatment necessary.

Fishery 1 - very sensitive aquatic species

- CLASS IIA : Water Supply II - conventional treatment required
Fishery II - sensitive aquatic species
- CLASS IIB : Recreational use with body contact
- CLASS III : Water Supply III - extensive treatment required
Fishery III - common, of economic value, and tolerant species livestock drinking
- CLASS IV : Irrigation

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