

Variables	Measured as	Ideal Catchment Background	Acceptable Management Target	Tolerable Interim Target	Unacceptable
Physical					
Conductivity	mS/m	< 42	42 - 60	60 - 70	> 70
Dissolved Oxygen (O ₂)	mg/l O ₂		> 6.0	5.0 - 6.0	< 5.0
pH	pH units	6.5 - 8.5			< 6.5; > 8.5
Suspended Solids	mg/l	< 27	27 - 50	50 - 90	> 90
Organic					
Chemical Oxygen Demand (COD)	mg/l	< 10	10 - 15	15 - 20	> 20
Macro Elements					
Aluminium (Al)	mg/l	< 0.15	0.15 - 0.50	0.50 - 1.00	> 1.00
Ammonia (NH ₄)	mg/l	< 0.25	0.25 - 0.50	0.50 - 1.00	> 1.00
Chloride (Cl)	mg/l	< 50	50 - 60	60 - 75	> 75
Fluoride (F)	mg/l	< 0.4	0.4 - 0.7	0.7 - 1.0	> 1.0
Iron (Fe)	mg/l	< 0.4	0.4 - 0.5	0.5 - 0.8	> 0.8
Magnesium (Mg)	mg/l	< 8	8 - 30	30 - 70	> 70
Manganese (Mn)	mg/l	< 0.2	0.2 - 0.5	0.5 - 1.0	> 1.0
Nitrate (NO ₃)	mg/l	< 0.5	0.5 - 3.0	3.0 - 6.0	> 6.0
Phosphate (PO ₄)	mg/l	< 0.2	0.2 - 0.4	0.4 - 0.6	> 0.6
Sodium (Na)	mg/l	< 70	70 - 100	100 - 150	> 150
Sulphate (SO ₄)	mg/l	< 150	150 - 300	300 - 500	> 500
Bacteriological					
<i>E. coli</i>	counts/100ml	< 130	130 - 200	200 - 400	> 400
Faecal coliforms	counts/100ml		< 126	126 - 1,000	> 1,000
Biological					
<i>Daphnia</i>	% survival	100	90 - 100	80 - 90	< 80