

| Variables | Measured as | Ideal Catchment Background | Acceptable Management Target | Tolerable Interim Target | Unacceptable |
|------------------------------------|---------------------|-------------------------------|---------------------------------|-----------------------------|--------------|
| Physical | | | | | |
| Conductivity | mS/m | < 80 | 80 - 100 | 100 - 150 | > 150 |
| Dissolved Oxygen (O ₂) | mg/l O ₂ | | > 6.0 | 5.0 - 6.0 | < 5.0 |
| pH | pH units | 6.0 - 9.0 | | | < 6.0; > 9.0 |
| Suspended Solids | mg/l | < 20 | 20 - 30 | 30 - 55 | > 55 |
| Organic | | | | | |
| Chemical Oxygen Demand (COD) | mg/l | < 15 | 15 - 30 | 30 - 40 | > 40 |
| Macro Elements | | | | | |
| Aluminium (Al) | mg/l | | < 0.3 | 0.3 - 0.5 | > 0.5 |
| Ammonia (NH ₄) | mg/l | < 0.5 | 0.5 - 1.5 | 1.5 - 4.0 | > 4.0 |
| Chloride (Cl) | mg/l | < 50 | 50 - 75 | 75 - 100 | > 100 |
| Fluoride (F) | mg/l | < 0.19 | 0.19 - 0.70 | 0.70 - 1.00 | > 1.00 |
| Iron (Fe) | mg/l | < 0.5 | 0.5 - 1.0 | 1.0 - 1.5 | > 1.5 |
| Magnesium (Mg) | mg/l | < 8 | 8 - 30 | 30 - 70 | > 70 |
| Manganese (Mn) | mg/l | < 1 | 1 - 2 | 2 - 4 | > 4 |
| Nitrate (NO ₃) | mg/l | < 2 | 2 - 4 | 4 - 7 | > 7 |
| Phosphate (PO ₄) | mg/l | < 0.2 | 0.2 - 0.5 | 0.5 - 1.0 | > 1.0 |
| Sodium (Na) | mg/l | < 50 | 50 - 80 | 80 - 100 | > 100 |
| Sulphate (SO ₄) | mg/l | < 200 | 200 - 350 | 350 - 500 | > 500 |
| Bacteriological | | | | | |
| <i>E. coli</i> | counts/100ml | < 130 | 130 - 200 | 200 - 400 | > 400 |
| Faecal coliforms | counts/100ml | < 1,000 | 1,000 - 5,000 | 5,000 - 10,000 | > 10,000 |
| Biological | | | | | |
| <i>Daphnia</i> | % survival | > 95 | 95 - 90 | 90 - 80 | < 80 |