

| 19-Sep-24 | Requirement Measurement Blue Drop | Ashton | Bonnievale | McGregor | Montagu | Robertson | Total Samples | Total Samples Complying |
|-------------------------|--|--------|------------|----------|---------|-----------|---------------|-------------------------|
| Treated Water | | | | | | | | |
| Inflow ML | | 116l/s | 57,9l/s | 14l/s | 60l/s | 130l/s | | |
| pH (at 25°C) | ≥5.00 - ≤9.70 | 7,34 | 7,41 | 6,7 | 7,18 | 6,6 | 5,00 | 5,00 |
| Conductivity (at 25°C) | ≤170 | 32,8 | 38 | 9,7 | 50,3 | 5,9 | 5,00 | 5,00 |
| Turbidity (NTU) | ≤1.0 Operational | | | | | | 5,00 | 3,00 |
| | ≤5.0 -Aeshetic | 0,7 | 0,87 | 0,82 | 0,49 | 2,4 | 5,00 | 5,00 |
| Colour (mg/L as Pt) | ≤15 | <4 | <4 | <4 | <4 | <4 | 5,00 | 5,00 |
| Aluminium (µg/L as Al) | ≤300 | 186 | 144 | 299 | <40 | 365 | 5,00 | 4,00 |
| Iron (µg/L as Fe) | ≤300 Aesthetic ≤2000 Chronic Health | 24 | 37 | <20 | <20 | 28 | 5,00 | 5,00 |
| Free Chlorine (mg/L) | >0.0 - ≤5 | 0,13 | 0,24 | 0,43 | 1,6 | 0,18 | 5,00 | 5,00 |
| E.Coli (cnt/100ml) | Not Detected | <1 | <1 | <1 | <1 | <1 | 5,00 | 5,00 |
| Total Coliform Bacteria | ≤10 | <1 | <1 | <1 | <1 | <1 | 5,00 | 5,00 |
| | | | | | | | 10,00 | 10,00 |

| Parameters | Unit | GENERAL LIMITS | SPECIAL LIMITS | 16-Sep-23 | | | | Requirement Measurement (Irrigation 500m³) | Mc-Gregor | Total Samples | Total Samples Complying |
|--------------------------|------------|---------------------------|---------------------|-----------|------------|---------|-----------|--|-----------|---------------|-------------------------|
| | | | | Ashton | Bonnievale | Montagu | Robertson | | | | |
| Average daily flows (ML) | | | | 2,45 | 1,8 | 3,5 | 4,2 | | 0,3 | | |
| pH | at 25°C | 5.5 - 9.5 | 5.5 - 7.5 | 7,60 | 7,2 | 6,7 | 6,8 | 6.00 - 9.00 | 7,5 | 5 | 5 |
| Conductivity | mS/m | <70.0 - <150 | 50mS/m above intake | 199 | 98,9 | 127 | 211 | <200 | 125 | 5 | 3 |
| COD Unfiltered | mg/L | | | 79,6 | 126 | 69,6 | 60,8 | | | 0 | 0 |
| COD Filtered | mg/L | <75.0 After Algae Removal | 30 | 57,8 | 57,4 | 47,0 | 41,8 | <400 | 145 | 5 | 5 |
| Ammonia as N | mg/L | 6.0 max | 2.0 | 37,3 | 0,48 | 3,7 | 49,8 | N/A | | 4 | 2 |
| Nitrate as N | mg/L | 15. 0 max | 1.5 | 2,5 | 2,5 | 2,4 | <0,20 | N/A | | 4 | 4 |
| Nitrite as N | mg/L | 15.0 max | | 0,22 | <0,20 | <0,20 | <0,20 | N/A | | 0 | 0 |
| Free Chlorine | mg/L | <0.25 | 0 | 0,16 | <0,05 | <0,05 | 0,36 | N/A | | 0 | 0 |
| TSS | mg/L | 25 | 10 | 19 | 1,2 | 9 | 30 | N/A | | 4 | 3 |
| Ortho-P | mg/L | 10 | 1 med 2,5max | 5,20 | 65 | 2,3 | 4,2 | | | | 0 |
| Soap, oil or grease | mg/L | 3 | 0 | | | | | | | | 0 |
| Faecal Coliforms | Org/100 ml | 1000 max | 1000 | 37 | >2419 | 687 | >2419 | <100 000 | 43 502 | 5 | 3 |
| E Coli | Org/100 ml | 1000,0 | | 34 | >2419 | 613 | >2419 | N/A | | 4 | 2 |
| | | | | | | | | | 100 % | 36,00 | 27,00 |
| | | | | | | | | | | 75,00 | |