

| 18-Sep-23 | | Requirement Measurement Blue Drop Standards | Ashton | Bonnievale | McGregor | Montagu | Robertson | Total Samples | Total Samples Complying |
|-------------------------|--|--|--------|------------|----------|---------|-----------|---------------|-------------------------------|
| Treated Water | | | | | | | | | |
| Inflow ML | | | 10 | 51 | 2 | 5,18 | 10,8 | | |
| pH (at 25°C) | ≥5.00 - ≤9.70 | | 7,04 | 6,39 | 6,92 | 7,26 | 6,79 | 5,00 | 5,00 |
| Conductivity (at 25°C) | ≤170 | | 25,4 | 16,5 | 10,2 | 40,2 | 9 | 5,00 | 5,00 |
| Turbidity (NTU) | ≤1.0 Operational | | | | | | | | |
| | ≤5.0 -Aeshetic | | 3,6 | 4,3 | 0,82 | 0,41 | 2,5 | 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 | | 251 | 701 | 161 | <40 | 207 | 5,00 | 4,00 |
| Iron (µg/L as Fe) | ≤300 Aesthetic ≤2000 Chronic Health | | 61 | 105 | <20 | <20 | 32 | 5,00 | 5,00 |
| Free Chlorine (mg/L) | >0.0 - ≤5 | | 0,07 | 1,8 | 1,2 | 1,4 | 1,7 | 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 | 21-Sep-23 | | | | Requirement Measurement (Irrigation 500m ³) | Mc-Gregor | Total Samples | Total Samples Complying |
|--------------------------|------------|---------------------------|---------------------|-----------|------------|---------|------------|---|-----------|---------------|-------------------------|
| | | | | Ashton | Bonnievale | Montagu | Robertson | | | | |
| Average daily flows (ML) | | | | | | | | | | | |
| pH | at 25°C | 5.5 - 9.5 | 5.5 - 7.5 | | 7,62 | 7,81 | | 6.00 - 9.00 | 8 | 5 | 5 |
| Conductivity | mS/m | <70.0 - <150 | 50mS/m above intake | | 140 | 140 | | <200 | 177 | 5 | 2 |
| COD Unfiltered | mg/L | | | | 173 | 66,9 | | | | 0 | 0 |
| COD Filtered | mg/L | <75.0 After Algae Removal | 30 | | 147,0 | 59,5 | | <400 | 118 | 5 | 2 |
| Ammonia as N | mg/L | 6.0 max | 2.0 | | 74,2 | 31,4 | | N/A | | 4 | 0 |
| Nitrate as N | mg/L | 15.0 max | 1.5 | | <0,20 | 0,24 | | N/A | | 4 | 4 |
| Nitrite as N | mg/L | 15.0 max | | | <0,20 | 0,2 | | N/A | | 0 | 0 |
| Free Chlorine | mg/L | <0.25 | 0 | | 0.08 | <0,05 | | N/A | | 0 | 0 |
| TSS | mg/L | 25 | 10 | | 91 | 21 | | N/A | | 4 | 2 |
| Ortho-P | mg/L | 10 | 1 med 2,5max | | 3,4 | 6,7 | | | | | 0 |
| Soap, oil or grease | mg/L | 3 | 0 | | | | | | | | 0 |
| Faecal Coliforms | Org/100 ml | 1000 max | 1000 | | 25 | 231 | 2419 >2419 | <100 000 | 9 | 5 | 2 |
| E Coli | Org/100 ml | 1000,0 | | | 24 | 231 | 1986 >2419 | N/A | | 5 | 1 |
| | | | | | | | | | 100% | 37,00 | 18,00 |
| | | | | | | | | | | 48,65 | |