

| 29-Nov-23               |  | Requirement<br>Measurement<br>Blue Drop<br>Standards | Ashton | Bonnievale | McGregor | Montagu | Robertson | Total Samples | Total Samples<br>Complying |
|-------------------------|--|------------------------------------------------------|--------|------------|----------|---------|-----------|---------------|----------------------------|
| Treated Water           |  |                                                      |        |            |          |         |           |               |                            |
| Inflow ML               |  |                                                      |        |            |          |         |           |               |                            |
| pH (at 25°C)            |  | ≥5.00 - ≤9.70                                        | 7,15   | 8,37       | 6,85     | 7,22    | 6,36      | 5,00          | 5,00                       |
| Conductivity (at 25°C)  |  | ≤170                                                 | 104    | 139        | 14,5     | 101     | 5,8       | 5,00          | 5,00                       |
| Turbidity (NTU)         |  | ≤1.0 Operational                                     | 3,2    | 2,2        | 0,61     | 0,57    | 3,2       |               |                            |
|                         |  | ≤5.0 -Aeshetic                                       |        |            |          |         |           | 5,00          | 5,00                       |
| Colour (mg/L as Pt)     |  | ≤15                                                  | <4     | 6          | <4       | 14      | <4        | 5,00          | 5,00                       |
| Aluminium (µg/L as Al)  |  | ≤300                                                 | 249    | 301        | 179      | 46      | 328       | 5,00          | 4,00                       |
| Iron (µg/L as Fe)       |  | ≤300 Aesthetic<br>≤2000 Chronic Health               | 178    | 33         | <20      | <20     | 37        | 5,00          | 5,00                       |
| Free Chlorine (mg/L)    |  | >0.0 - ≤5                                            | 0,11   | 0,31       | 1,3      | 1,1     | 0,42      | 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      | 30-Nov-23 |            |         |           | Requirement Measurement (Irrigation 500m³) | 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           | 8,20      | 7,6        | 7,7     | 7,66      | 6.00 - 9.00                                | 7,7       | 5             | 5                       |
| Conductivity             | mS/m       | <70.0 - <150              | 50mS/m above intake | 266       | 226        | 222     | 216       | <200                                       | 161       | 5             | 1                       |
| COD Unfiltered           | mg/L       |                           |                     | 70,9      | 97,3       | 125     | 111       |                                            |           | 0             | 0                       |
| COD Filtered             | mg/L       | <75.0 After Algae Removal | 30                  | 68,1      | 69,4       | 98,0    | 81,6      | <400                                       | 143       | 5             | 3                       |
| Ammonia as N             | mg/L       | 6.0 max                   | 2.0                 | 28,9      | 45,7       | 24,2    | 59,1      | N/A                                        |           | 4             | 0                       |
| Nitrate as N             | mg/L       | 15. 0 max                 | 1.5                 | <0,20     | <0,20      | <0,20   | <0,20     | N/A                                        |           | 4             | 4                       |
| Nitrite as N             | mg/L       | 15.0 max                  |                     | <0,20     | <0,20      | <0,20   | <0,20     | N/A                                        |           | 0             | 0                       |
| Free Chlorine            | mg/L       | <0.25                     | 0                   | 0,20      | 0,34       | <0,05   | 0,45      | N/A                                        |           | 0             | 0                       |
| TSS                      | mg/L       | 25                        | 10                  | 11        | 9          | 17      | 19        | N/A                                        |           | 4             | 4                       |
| Ortho-P                  | mg/L       | 10                        | 1 med 2,5max        | 5,40      | 1,8        | 0,47    | 0,28      |                                            |           |               | 0                       |
| Soap, oil or grease      | mg/L       | 3                         | 0                   |           |            |         |           |                                            |           |               | 0                       |
| Faecal Coliforms         | Org/100 ml | 1000 max                  | 1000                | 116       | >2419      | >2419   | >2419     | <100 000                                   | 21 400    | 5             | 2                       |
| E Coli                   | Org/100 ml | 1000,0                    |                     | 601       | >2419      | >2419   | >2419     | N/A                                        |           | 5             | 1                       |
| 100 %                    |            |                           |                     |           |            |         |           |                                            | 37,00     | 20,00         |                         |
|                          |            |                           |                     |           |            |         |           |                                            |           | 54,05         |                         |
|                          |            |                           |                     |           |            |         |           |                                            |           |               |                         |