

| 09-Dec-21               |                      | Requirement Measurement Blue Drop Standards | Ashton | Bonnievale | McGregor | Montagu | Robertson | Total Samples | Total Samples Complying |
|-------------------------|----------------------|---|--------|------------|----------|---------|-----------|---------------|-------------------------|
| <b>Treated Water</b>    |                      |   |        |            |          |         |           |               |                         |
| Inflow ML               |                      |   |        |            |          |         |           |               |                         |
| pH (at 25°C)            | ≥5.00 - ≤9.70        | 7,52  | 7,52   | 7,23       | 7,3      | 6,68    | 5,00      | 5,00          |                         |
| Conductivity (at 25°C)  | ≤170                 | 39,9  | 34     | 12,8       | 40,7     | 5,36    | 5,00      | 5,00          |                         |
| Turbidity (NTU)         | ≤1.0 Operational     |   |        |            |          |         |           |               |                         |
|                         | ≤5.0 -Aesthetic      | 2,4   | 3,62   | 1,14       | 0,71     | 2,26    | 5,00      | 5,00          |                         |
| Colour (mg/L as Pt)     | ≤15                  | <10   | 12     | <10        | <10      | <10     | 5,00      | 5,00          |                         |
| Aluminium (µg/L as Al)  | ≤300                 | 43,7  | 2,64   | <10        | 17,7     | <10     | 5,00      | 5,00          |                         |
| Iron (µg/L as Fe)       | ≤300 Aesthetic       |   |        |            |          |         |           |               |                         |
|                         | ≤2000 Chronic Health | <20   | 40,1   | <20        | <20      | <20     | 5,00      | 5,00          |                         |
| Free Chlorine (mg/L)    | >0.0 - ≤5            | 0,56  | 0,14   | 0,3        | 0,07     | 0,73    | 5,00      | 5,00          |                         |
| E.Coli (cnt/100ml)      | Not Detected         | 0   | 0      | 0          | 0        | 0       | 5,00      | 5,00          |                         |
| Total Coliform Bacteria | ≤10                  |   |        |            |          |         | 5,00      | 5,00          |                         |
|                         |                      |   |        |            |          |         |           | 10,00         | 10,00                   |

| Parameters               | Unit       |                           | 09-Dec-21 |            |         |           | Requirement Measurement (Irrigation 500m <sup>3</sup> ) | Mc-Gregor | Total Samples | Total Samples Complying |
|--------------------------|------------|---------------------------|-----------|------------|---------|-----------|---|-----------|---------------|-------------------------|
|                          |            |                           | Ashton    | Bonnievale | Montagu | Robertson |   |           |               |                         |
| Average daily flows (ML) |            |                           | O/C       |            | 2,3083  |           | 0,2919  |           |               |                         |
| pH                       | at 25°C    | 5.5 - 9.5                 | 7,71      | 7,55       | 7,69    | 7,46      | 6.00 - 9.00   | 7,62      | 5             | 5                       |
| Conductivity             | mS/m       | >70.0 - <150              | 152       | 99,2       | 122     | 176       | <200  | 140       | 5             | 3                       |
| COD Unfiltered           | mg/L       | >75.0                     | 758       | 810        | 2045    | 949       | <400  | 799       | 0             | 0                       |
| COD Filtered             | mg/L       | >75.0 After Algae Removal | 82,0      | 51,0       | 33,0    | 237,0     | N/A   |           | 4             | 2                       |
| Ammonia as N             | mg/L       | 6.0 max                   | 19,8      | 2,87       | 8,05    | 47,7      | N/A   |           | 4             | 1                       |
| Nitrate as N             | mg/L       | 15.0 max                  | 0,4       | <0,10      | 0,34    | <0,10     | N/A   |           | 4             | 4                       |
| Nitrite as N             | mg/L       | 15.0 max                  |           |            |         |           | N/A   |           | 0             | 0                       |
| Free Chlorine            | mg/L       | <0.25                     | 0,15      | 0,98       | 2,82    | 0,25      | N/A   |           | 0             | 0                       |
| TSS                      | mg/L       | 25                        | 6         | <2         | <2      | 131       | N/A   |           | 4             | 3                       |
| Faecal Coliforms         | Org/100 ml | 1000 max                  | 11        | >2000      | 8       | >20000    | <100 000  | 310       | 5             | 3                       |
| E Coli                   | Org/100 ml | 1000,0                    |           |            |         |           | N/A   |           | 0             |                         |
|                          |            |                           |           |            |         |           |   | 100 %     | 67,74         |                         |
|                          |            |                           |           |            |         |           |   | Total     | 31            | 21                      |