

|                         |                                             |        |            |          |         |           |                   |                         |
|-------------------------|---------------------------------------------|--------|------------|----------|---------|-----------|-------------------|-------------------------|
| 27-Mar-26               | Requirement Measurement Blue Drop Standards | Ashton | Bonnievale | McGregor | Montagu | Robertson | Total Samples I/s | Total Samples Complying |
| <b>Treated Water</b>    |                                             |        |            |          |         |           |                   |                         |
| Inflow ML               |                                             | 120    |            | 14       | 60      | 130       | 0,00              | 0,00                    |
| pH (at 25°C)            | ≥5.00 - ≤9.70                               | 7,25   | 7,47       | 6,63     | 7,12    | 6,86      | 5,00              | 5,00                    |
| Conductivity (at 25°C)  | ≤170                                        | 61,7   | 101        | 12,4     | 53,7    | 19,2      | 5,00              | 5,00                    |
| Turbidity (NTU)         | ≤1.0 Operational                            |        |            |          |         |           | 0,00              | 0,00                    |
|                         | ≤5.0 -Aeshetic                              | 0,38   | 1,68       | 3,26     | 5,15    | 0,59      | 5,00              | 4,00                    |
| Colour (mg/L as Pt)     | ≤15                                         | <10    | <10        | <10      | <10     | <10       | 5,00              | 5,00                    |
| Aluminium (µg/L as Al)  | ≤300                                        | <10    | <10        | <10      | 10      | <10       | 5,00              | 5,00                    |
| Iron (µg/L as Fe)       | ≤300 Aesthetic<br>≤2000 Chronic Health      | <20    | <20        | 24       | 67      | <20       | 5,00              | 5,00                    |
| Free Chlorine (mg/L)    | >0.0 - ≤5                                   | 0,57   | 0,32       | 0,3      | 0,37    | 0,4       | 5,00              | 5,00                    |
| E.Coli (cnt/100ml)      | Not Detected                                | 0      | 0          | 0        | 0       | 0         | 5,00              | 5,00                    |
| Total Coliform Bacteria | ≤10                                         | 1      | 10         | 0        | 0       | 0         | 5,00              | 5,00                    |
| Total Samples per month |                                             |        |            |          |         |           | 45,00             | 44,00                   |

Table 1: Drinking water quality at Langeberg Municipality.

| Parameters               | Unit       | GENERAL LIMITS            | SPECIAL LIMITS    | Mar-26 |            |         |           | Requirement Measurement (Irrigation 500m³) | Mc-Gregor | Total Samples | Total Samples Complying |
|--------------------------|------------|---------------------------|-------------------|--------|------------|---------|-----------|--------------------------------------------|-----------|---------------|-------------------------|
|                          |            |                           |                   | Ashton | Bonnievale | Montagu | Robertson |                                            |           |               |                         |
| Average daily flows (ML) |            |                           |                   | 2.42   | 1.8        | 3.5     | 8.42      |                                            | 0,3       |               |                         |
| pH                       | at 25°C    | 5.5 - 9.5                 | 5.5 - 7.5         | 6,82   | 6,96       | 7,38    | 7,04      | 6.00 - 9.00                                | 7,19      | 5             | 5                       |
| Conductivity             | mS/m       | <70.0 - <150              | mS/m above intake | 156    | 163        | 166     | 54,2      | <200                                       | 144       | 5             | 2                       |
| COD Unfiltered           | mg/L       |                           |                   |        |            |         |           |                                            |           | 0             | 0                       |
| COD Filtered             | mg/L       | <75.0 After Algae Removal | 30                | 41,0   | 43,0       | 116,0   | 27,0      | <400                                       | 302       | 5             | 4                       |
| Ammonia as N             | mg/L       | 6.0 max                   | 2.0               | 12,4   | 14,7       | 45,2    | 0,2       | N/A                                        |           | 4             | 1                       |
| Nitrate as N             | mg/L       | 15.0 max                  | 1.5               | 5,3    | 2,69       | 1,7     | 1,17      | N/A                                        |           | 4             | 4                       |
| Nitrite as N             | mg/L       | 15.0 max                  |                   |        |            |         |           | N/A                                        |           | 0             | 0                       |
| Free Chlorine            | mg/L       | <0.25                     | 0                 | 0,08   | 0,1        | 0,56    | 2,53      | N/A                                        |           | 0             | 0                       |
| TSS                      | mg/L       | 25                        | 10                | <2     | <2         | <2      | <2        | N/A                                        |           | 4             | 4                       |
| Ortho-P                  | mg/L       | 10                        | 1 med 2,5max      | 8,31   | 0,71       | 5,77    | 14,2      |                                            |           |               | 0                       |
| Soap, oil or grease      | mg/L       | 3                         | 0                 |        |            |         |           |                                            |           |               | 0                       |
| Faecal Coliforms         | Org/100 ml | 1000 max                  | 1000              | >2000  | 850        | 10      | 180       | <100 000                                   | >2000     | 5             | 4                       |
| E Coli                   | Org/100 ml | 1000,0                    |                   |        |            |         |           | N/A                                        |           | 4             | 2                       |
|                          |            |                           |                   |        |            |         |           |                                            | 100 %     | 36,00         | 26,00                   |

Table 2: Final effluent quality at Langeberg Municipality discharged to Breede river

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