



| Sample Points | Sample Point Description | Aluminium | Ammonia | Chemical Oxygen Demand | Chloride | Conductivity | Dissolved Oxygen | Faecal coliforms | Fluoride | Iron | Magnesium | Nitrate | pH | Phosphate | Sodium | Sulphate | Suspended Solids | |
|---------------|---------------------------------------------------------------------|-----------|---------|------------------------|----------|--------------|------------------|------------------|----------|-------|-----------|---------|-------|-----------|--------|----------|------------------|------|
| 1 | Blesbokspruit @ Snake Rd 26° 10'.988" E 28° 20'.039" | S | <0.10 | 28 | 34 | 34.50 | 9.20 | 16 | | | | 0.27 | 7.2 | <0.20 | | 62 | 9 | |
| | | | <0.10 | 52 | 29 | 26.60 | 9.10 | 80 | | | | | <0.20 | 7.4 | <0.20 | | 35 | 23 |
| | | | <0.10 | 30 | 30 | 31.30 | 9.30 | 160 | | | | | <0.20 | 7.60 | <0.20 | | 38 | 18 |
| 2 | Blesbokspruit @ Main Reef Rd 26° 12'.011" E 28° 23'.403" | S | <0.10 | 14 | 35 | 34.70 | 8.90 | 20 | | | | 0.27 | 7.3 | <0.20 | | 63 | 7 | |
| | | | 1.30 | 22 | 40 | 35.50 | 9.30 | 3400 | | | | | 0.6 | 7.0 | <0.20 | | 58 | 3 |
| | | | 8.10 | 14 | 53 | 51.90 | 9.60 | 28 | | | | | 2.4 | 7.4 | 0.35 | | 56 | <3.0 |
| 3 | Blesbokspruit @ Enstra Rd 26° 12'.983" E 28° 26'.498" | S | 0.014 | <0.10 | 29 | 34 | 34.60 | 8.80 | 21 | | | 0.26 | 7.4 | <0.20 | 31 | 63 | 7 | |
| | | | 0.012 | 0.21 | 29 | 40 | 37.20 | 9.30 | 55 | | | | <0.20 | 7.4 | <0.20 | 35 | 57 | 22 |
| | | | | | | | | | | | | | | | | | | |
| 4 | Cowles Dam 26° 12'.288" E 28° 27'.292" | S | 0.058 | 0.38 | 22 | 44 | 49.80 | 8.80 | 20 | 0.49 | 0.066 | 0.33 | 7.5 | <0.20 | 46 | 73 | 3 | |
| | | | 0.036 | 1.60 | 50 | 60 | 65.90 | 9.10 | 19 | | 0.043 | | <0.20 | 7.6 | <0.20 | 65 | 70 | <3.0 |
| | | | | | | | | | | | | | | | | | | |
| 5 | Blesbokspruit @ Welgedacht 26° 11'.942" E 28° 28'.784" | S | 1.80 | 10 | 43 | 48.80 | 8.30 | 1300 | | | | 6.3 | 7.6 | 0.56 | | 78 | 34 | |
| | | | 1.70 | 45 | 59 | 47.10 | 8.30 | 5000 | | | | 0.6 | 7.1 | 0.39 | | 51 | 22 | |
| | | | 3.70 | 72 | 69 | 60.30 | 6.60 | 2050 | | | | 1.5 | 7.4 | 0.8 | | 75 | 67 | |
| 6 | R555 Road Bridge on Blesbokspruit 26° 12'.879" E 28° 28'.785" | S | 1.80 | 32 | 43 | 49.30 | 8.40 | 1400 | | | | 6.7 | 7 | 0.57 | | 74 | 30 | |
| | | | 2.60 | 42 | 63 | 57.60 | 8.80 | 3500 | | | | 0.82 | 7.0 | 0.37 | | 83 | 21 | |
| | | | 3.80 | 62 | 67 | 62.50 | 7.10 | 2500 | | | | 0.75 | 7.2 | 0.54 | | 92 | 60 | |
| 7 | Blesbokspruit on R29 Ermelo Road Bridge | S | 0.10 | <10 | 79.00 | 92 | 7.60 | 71.00 | <0.20 | 0.01 | 34.00 | 3.10 | 7.56 | 0.37 | 96.00 | 357.00 | | |
| | | | 0.70 | <10 | 89.00 | 147 | 9.60 | 38.00 | <0.20 | 0.01 | 44 | 2.1 | 7.46 | 1.10 | 123 | 664 | | |
| | | | <0.10 | 10.00 | 88.00 | 164 | 8.70 | 72.00 | <0.20 | 0.00 | 49 | 1.1 | 7.81 | 0.62 | 136 | 645 | | |
| 8 | Nigel R51 Road Bridge to Balfour S 26° 25'.676" E 28° 30'.196" | S | <0.10 | <10 | 81.00 | 98 | 8.30 | 50.00 | <0.20 | 0.01 | 38.00 | <0.20 | 7.89 | 0.38 | 96.00 | 401.00 | | |
| | | | <0.10 | <10 | 81.00 | 122 | 9.70 | 46.00 | <0.20 | 0.01 | 40.00 | <0.20 | 7.74 | 0.28 | 101 | 423.00 | | |
| | | | <0.10 | <10 | 81.00 | 150 | 8.80 | 21.00 | <0.20 | 0.00 | 47 | <0.20 | 8 | 0.31 | 124 | 498 | | |
| 9 | Nigel stormwater canal on R42 Road S 26° 24'.929" E 28° 27'.960" | S | 0.52 | <10 | 43.00 | 56.20 | 8.30 | 190 | 0.32 | 0.288 | | 0.54 | 7.83 | <0.20 | | 167 | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 10 | Poortjie Road on Blesbokspruit 26° 28'.720" E 28° 25'.530" | S | 0.10 | <10 | 76.00 | 91 | 8.40 | 4100.00 | 0.23 | 0.05 | 35.00 | 0.44 | 7.82 | 0.36 | 94.00 | 357.00 | | |
| | | | 0.19 | 20.00 | 20.00 | 115 | 10.00 | 65.00 | <0.20 | 0.103 | 36.00 | 1.6 | 7.74 | 0.32 | 96.00 | 101 | | |
| | | | 0.43 | 20.00 | 85.00 | 145 | 8.70 | 2500 | <0.20 | 0.01 | 45 | 0.55 | 7.86 | 0.32 | 121 | 469 | | |
| 11 | Stream from Duzuza at Kaydale 26° 28'.623" E 28° 24'.261" | S | 5.00 | 10.00 | 38.00 | 36.70 | | 3100 | | | | 2.9 | 7.70 | 0.49 | | 56.00 | | |
| | | | 8 | 22.00 | 38.00 | 40.60 | | 10.00 | | | | | 1.8 | 7.71 | 1.10 | | 49.00 | |
| | | | 8 | 24.00 | 39.00 | 51.00 | | 80.00 | | | | | 2 | 7.95 | 1.20 | | 42.00 | |
| 12 | Colliery point on Suikerbosrand 26° 37'.793" E 28° 17'.797" | S | <0.10 | 14.00 | 29.00 | 25.60 | | 220 | 0.2 | | 14.00 | <0.20 | 7.72 | <0.20 | 24 | 21.00 | | |
| | | | 0.23 | 34.00 | 44.00 | 36.80 | | 8.00 | 0.24 | | 18.00 | <0.20 | 7.79 | 0.24 | 36 | 20.00 | | |
| | | | 0.31 | 31.00 | 41.00 | 43.80 | | 10.00 | 0.23 | | 17.00 | 1.3 | 8.08 | <0.20 | 39 | 18.00 | | |
| 13 | Suikerbosrand River @ Vereeniging 26° 40'.891" E 28° 03'.034" | S | <0.10 | <10 | 67.00 | 76 | | 70.00 | 0.22 | | 29.00 | 1.9 | 7.66 | 0.22 | 77.00 | 271 | | |
| | | | <0.10 | 11.00 | 69.00 | 94 | | 70.00 | 0.23 | | 29.00 | 1.3 | 7.71 | 0.50 | 76.00 | 307 | | |
| | | | <0.10 | <10 | 72.00 | 119 | | 150 | 0.23 | | 36 | 1.6 | 7.99 | 0.23 | 97.00 | 348 | | |

Key

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|----|---------------------------------------------------------------|---|------|-------|
| 10 | Poortjie Road on Blesbokspruit 26° 28'.720" E 28° 25'.530" | S | 0.10 | <10 |
| | | | 0.19 | 20.00 |
| | | | 0.43 | 20.00 |

Water Quality Guidelines

| | |
|--|----------------|
| | - Ideal |
| | - Acceptable |
| | - Tolerable |
| | - Unacceptable |
| | n/a |