



| Sample Points | Sample Point Description | Months | Aluminium | Ammonia | Chemical Oxygen Demand | Chloride | Conductivity | Dissolved Oxygen | E.Coli | Fluoride | Iron | Magnesium | Nitrate | pH | Phosphate | Sodium | Sulphate | Suspended Solids | | |
|---------------|--|--------|-----------|---------|------------------------|----------|--------------|------------------|---------|----------|---------|-----------|---------|---------|-----------|---------|----------|------------------|---------|---------|
| 1 | Blesbokspruit @ Snake Rd S 26 10.988 E 28 20.039 | Oct | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | |
| | | Nov | | <0.10 | 11 | 48 | 21 | | | 36 | | | | 0.33 | 6.1 | <0.20 | | 58 | 2.0 | |
| | | Dec | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow |
| 2 | Blesbokspruit @ Main Reef Rd S 26 12.011 E 28 23.403 | Oct | | <0.10 | <10 | 75 | 43 | | 17 | | | | <0.20 | 7.5 | 0.39 | | | 39 | 7.0 | |
| | | Nov | | <0.10 | <10 | 58 | 26 | | 24 | | | | | 0.22 | 6.8 | 0.3 | | | 59 | 3.0 |
| | | Dec | | <0.10 | <10 | 420 | 29 | | 30 | | | | | 0.46 | 7.1 | 0.33 | | | 51 | 1.0 |
| 3 | Blesbokspruit @ Enstra Rd S 26 12.983 E 28 26.498 | Oct | 0.004 | <0.10 | <10 | 63 | 36 | | 100 | | 0.008 | | 0.28 | 7.4 | <0.20 | 59 | 87 | 87 | | |
| | | Nov | 0.008 | <0.10 | <10 | 63 | 30 | | 15 | | 0.150 | | 0.20 | 7.0 | <0.20 | 57 | 86 | 7.0 | | |
| | | Dec | 0.006 | 0.13 | <10 | 82 | 30 | | 104 | | 0.150 | | 0.42 | 7.7 | <0.2 | 62 | 89 | <0.30 | | |
| 4 | Cowles Dam S 26 12.288 E 28 27.292 | Oct | 0.100 | <0.10 | 274 | 111 | 73 | | 13,600 | 0.35 | 0.091 | | <0.20 | 7.7 | 0.33 | 126 | 7 | 76 | | |
| | | Nov | 0.114 | <0.10 | 283 | 103 | 78 | | 22 | 0.45 | 0.107 | | <0.20 | 7.2 | <0.20 | 102 | 46 | 84 | | |
| | | Dec | 0.113 | <0.10 | 109 | 110 | 81 | | 3,800 | 0.33 | 0.089 | | 0.28 | 7.6 | <0.2 | 112 | 45 | 89 | | |
| 5 | R555 Road Bridge on Blesbokspruit S 26 12.879 E 28 28.785 | Oct | 0.003 | 9.40 | <10 | 83 | 57 | | 8,000 | | 0.04 | | 0.60 | 7.4 | 1.0 | | | 77 | 23 | |
| | | Nov | 0.010 | 1.10 | <10 | 96 | 62 | | 2,600 | | 0.036 | | 1.50 | 6.7 | <0.20 | | | 75 | 96 | |
| | | Dec | 0.007 | 2.50 | <10 | 87 | 57 | | 126,000 | | 0.076 | | 1.9 | 7.3 | 0.41 | | | 104 | 91 | |
| 6 | Blesbokspruit on R29 Ermelo Road Bridge S 26 16.293 E 28 30.233 | Oct | | <0.10 | <10 | 100 | 78 | | 216 | 0.44 | 0.005 | 27 | <0.20 | 7.5 | 0.38 | 118 | 278 | | | |
| | | Nov | | <0.10 | <10 | 70 | 64 | | 50 | 0.26 | 0.009 | 24 | <0.20 | 7.2 | 0.36 | 105 | 99 | | | |
| | | Dec | | <0.10 | <10 | 89 | 27 | | 300 | 0.33 | 0.052 | 20 | <0.20 | 7.2 | 0.54 | 100 | 110 | | | |
| 7 | Nigel R51 Road Bridge to Balfour S 26 25.676 E 28 30.196 | Oct | | <0.10 | <10 | 117 | 113 | | 50 | 0.26 | <0.88 | 50 | <0.20 | 7.9 | 0.26 | 152 | 3,219 | | | |
| | | Nov | | <0.10 | 20 | 93 | 141 | | 176 | 0.21 | 0.001 | 49 | <0.20 | 7.5 | 0.22 | 145 | 480 | | | |
| | | Dec | | <0.10 | <10 | 113 | 33 | | 700 | 0.27 | 0.002 | 43 | <0.20 | 7.4 | 0.29 | 135 | 483 | | | |
| 8 | Nigel stormwater canal on R42 Road S 26 24.929 E 28 27.960 | Oct | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | |
| | | Nov | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | |
| | | Dec | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | no flow | |
| 9 | Poortjie Road on Blesbokspruit S 26 28.720 E 28 25.530 | Oct | | 0.85 | <10 | 104 | 104 | | 65 | <0.20 | 0.008 | 39 | 2.0 | 7.4 | 0.35 | 132 | 3,728 | | | |
| | | Nov | | 1.30 | <10 | 80 | 118 | | 750 | 0.25 | 0.018 | 42 | 1.50 | 7.2 | 0.32 | 132 | 377 | | | |
| | | Dec | | 3.40 | 13 | 94 | 61 | | 170,000 | 0.31 | 0.060 | 31 | 0.39 | 7.3 | 0.66 | 117 | 351 | | | |
| 10 | Stream from Duduza at Kaydale S 26 28.623 E 28 24.261 | Oct | | 4.6 | 31 | 44 | 38 | | 424 | | | | 1.7 | 7.6 | 0.8 | | | 37 | | |
| | | Nov | | 2.0 | <10 | 35 | 22 | | 420 | | | | 2.4 | 6.7 | 0.48 | | | 36 | | |
| | | Dec | | 2 | <10 | 41 | 128 | | 4,410 | | | | 4.0 | 7.7 | 0.67 | | | 42 | | |
| 11 | Colliery point on Suikerbosrand S 26 37.793 E 28 17.797 | Oct | | 0.53 | <10 | 55 | 40 | | 800 | <0.20 | | 21 | <0.20 | 7.9 | <0.2 | 51 | 13 | | | |
| | | Nov | | 0.11 | <10 | 47 | 28 | | 144 | 0.20 | | 21 | <0.20 | 7.2 | <0.20 | 50 | 6 | | | |
| | | Dec | | 0.28 | <10 | 56 | 98 | | 558 | 0.32 | | 20 | <0.20 | 7.7 | <0.20 | 51 | 8 | | | |
| 12 | Suikerbosrand River @ Vereeniging S 26 40.891 E 28 03.034 | Oct | | <0.10 | <10 | 102 | 96 | | 700 | <0.20 | | 41 | 1.0 | 7.8 | 0.26 | 122 | 497 | | | |
| | | Nov | | <0.10 | <10 | 65 | 82 | | 117 | <0.20 | | 35 | 0.9 | 7.5 | 0.31 | 97 | 274 | | | |
| | | Dec | | <0.10 | <10 | 90 | 40 | | 52 | 0.28 | | 36 | <0.20 | 7.4 | 0.64 | 113 | 395 | | | |

Key

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|---|---------------------------------------|-----|-------|-------|
| 4 | Cowles Dam S 26 12.288 E 28 27.292 | Oct | 0.100 | <0.10 |
| | | Nov | 0.114 | <0.10 |
| | | Dec | 0.113 | <0.10 |

Water Quality Guidelines

- Ideal
- Acceptable
- Tolerable
- Unacceptable
- Not analysed