

| Guyra Sewage Treatment Works | | | Licence Period 01May 2019 to 30 April 2020 | | | | | | | | | | | | | | | |
|------------------------------|----------------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--|
| Parameter/month | Licence Limits | Method | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | Jan-20 | Feb-20 | Mar-20 | Apr-20 | Minimum | Average | Maximum | |
| Sample date | | | 31-May | 26-Jun | 31-Jul | 29-Aug | 27-Sep | 31-Oct | | | | | | | | | | |
| pH | 6.5-8.5 | 1 | 8.90 | 8.81 | 8.95 | 8.9 | 8.83 | 8.94 | | | | | | | 8.8 | 8.9 | 8.95 | |
| EC | no limit | 10 | 696 | 661 | 694 | 747 | 761 | 77 | | | | | | | 77 | 606.0 | 761 | |
| TSS | <20 | 13 | 2 | 1 | 10 | 15 | 18 | 7 | | | | | | | 1 | 8.8 | 18 | |
| BOD5 | <15 | 7 | 1.5 | 0.5 | 1.8 | 3.2 | 4.5 | 4 | | | | | | | 1 | 2.6 | 5 | |
| Ammonia-N | | 72 | 4.14 | 0.20 | 0.12 | 0.40 | 0.12 | 0.51 | | | | | | | 0.12 | 0.0 | 4.14 | |
| TKN | no limit | 18 | 2.90 | 2.40 | 1.90 | 2.80 | 1.10 | 1.80 | | | | | | | 1.10 | 2.2 | 2.90 | |
| NOx-N | no limit | 71 | 1.06 | 0.17 | 0.16 | 0.68 | 0.94 | 0.80 | | | | | | | 0.16 | 0.0 | 1.06 | |
| Total N | <15 | 73 | 4.00 | 2.60 | 2.10 | 3.50 | 2.00 | 2.60 | | | | | | | 2.00 | 2.8 | 4.00 | |
| SRP | no limit | | 0.412 | 0.41 | 0.65 | 0.85 | 0.49 | 1.06 | | | | | | | 0 | 0.0 | 1 | |
| TP | <1 | 69 | 0.678 | 0.43 | 0.88 | 0.96 | 0.93 | 1.07 | | | | | | | 0.43 | 0.0 | 1.07 | |
| TOG | <10 | 75 | <5 | <5 | <5 | <5 | <5 | <5 | | | | | | | <5 | <5 | <5 | |
| FC - weir | no limit | 33 | 144 | 32 | 20 | 8 | 80 | 36 | | | | | | | 8 | 53.3 | 144 | |
| Inflow FC | no limit | | 8000 | 2640 | 3600 | 1200 | 200 | 380 | | | | | | | 200 | 2670.0 | 8000 | |
| Report Date | | | 10-Jun | 11-Jul | 07-Aug | 03-Sep | 3-Oct | 06-Nov | | | | | | | | | | |

Numbers in bold have been totalled outside the report All results in mg/L other than pH, EC (dS/m) and Faecal Coliforms (cfu/100 mL) total Min. Max
 The top value on the Y-axis for TSS, BOD5 and TOG are the limits of the licence.

Table 2. Water Quality Monitoring data for licence period

