

BELLINGEN SHIRE COUNCIL - PO Box 117 Bellingen 2454 **2019/20 EFFLUENT TESTING RESI**

BELLINGEN WASTEWATER TREATMENT PLANT **EPA Licence No. 001274**

Wheatley Street Bellingen 2454 **Expires 30 June 2020**

IN EMERGENCY PHONE 02 6655 6073

| Date of reading / sampling | Volume for period - kL | Period - days | Average daily inflow - kL | Maximum daily inflow - kL | mg/L BOD5 | mg/L Total Suspended Solids | mg/L Grease and oil | mg/L Ammonia nitrogen | mg/L Total nitrogen | mg/L Total phosphorus | pH | Faecal coliforms/100mL | Jarrett Park faecal coli/100mL | Doepel Park Faecal coli/100ml |
|----------------------------|------------------------|---------------|---------------------------|---------------------------|-----------|-----------------------------|---------------------|-----------------------|---------------------|-----------------------|---------|------------------------|--------------------------------|-------------------------------|
| 4/12/2019 | 2,011 | 4 | 503 | 537 | 2 | 19 | <2 | 0.1 | 1.1 | 0.2 | 7.2 | 4 | 1,030 | 660 |
| 17/12/2019 | 6,357 | 13 | 489 | 569 | 7 | 8 | <2 | 0.18 | 1.11 | 0.09 | 7.1 | 50 | 400 | 205 |
| 2/01/2020 | 7,880 | 16 | 492 | 518 | 18 | 21 | <2 | 0.27 | 2.63 | 0.47 | 7.7 | 3 | 880 | 690 |
| 15/01/2020 | 6,207 | 13 | 477 | 509 | 7 | 11 | <2 | 0.36 | 1.97 | 0.19 | 7.4 | 35 | 700 | 410 |
| 29/01/2020 | 10,142 | 14 | 724 | 2,500 | 4 | 5 | <2 | 0.07 | 0.9 | 0.06 | 7.2 | 6 | 125 | 125 |
| 12/02/2020 | 34,971 | 14 | 2,498 | 8,124 | <2 | 8 | <2 | 1.16 | 2.27 | 0.24 | 7.4 | 0 | 760 | 460 |
| 26/02/2020 | 26,167 | 14 | 1,869 | 5,804 | 4 | 7 | <2 | 1.15 | 2.72 | 0.09 | 6.9 | 0 | 160 | 120 |
| 11/03/2020 | 12,976 | 15 | 865 | 1,517 | 3 | 18 | <2 | 0.80 | 2.42 | 0.43 | 7.4 | 27 | 50 | 120 |
| 25/03/2020 | 10,820 | 13 | 832 | 1,098 | 9 | 31 | <2 | 0.71 | 2.58 | 0.28 | 7.2 | 18 | 115 | 60 |
| 8/04/2020 | 9,765 | 14 | 698 | 982 | 3 | 7 | <2 | 0.77 | 2.53 | 0.13 | 7.1 | 100 | 90 | 150 |
| 22/04/2020 | 8,343 | 14 | 596 | 672 | 5 | 13 | <2 | 0.38 | 3.61 | 0.24 | 7.4 | 78 | 100 | 70 |
| 6/05/2020 | 7,687 | 14 | 549 | 578 | 4 | 30 | <2 | 0.20 | 2.43 | 0.37 | 7.0 | 8 | 220 | 130 |
| 20/05/2020 | 7,883 | 14 | 563 | 621 | 5 | 13 | <2 | 0.43 | 4.74 | 0.13 | 7.4 | 0 | 200 | 100 |
| 3/06/2020 | 8,003 | 14 | 572 | 600 | 2 | 36 | <2 | 1.08 | 4.24 | 0.54 | 7.6 | 0 | 130 | 115 |
| 17/06/2020 | 10,921 | 14 | 780 | 1,417 | 2 | 6 | <2 | 1.03 | 3.10 | 0.03 | 7.4 | 0 | 90 | 30 |
| Sample 90th | 170,131 | | | | 8.20 | 30.60 | 0.00 | 1.12 | 3.99 | 0.45 | 7.52 | 66.80 | 832 | 580 |
| Licence 90% limit | | | | | 10 | 15 | 2 | 2 | 10 | 0.5 | - | 200 | - | |
| Sample maximum | | | | 8,124 | 18 | 36 | 0 | 1.16 | 4.74 | 0.54 | 7.70 | 100 | 1,030 | 690 |
| Licence 100% limit | | | | 3,000 | 20 | 30 | 6 | 5 | 20 | 1 | 6.5-8.5 | 600 | - | - |