

# Kyogle Council - EPA Results Table

Bonalbo Sewerage Treatment Plant - Licence Number 834



| Site                               | Date Test Taken |  | pH    | Conductivity (EC) (dS/m) | Total Dissolved Salts (mg/L) | Total Oils and Grease (mg/L) | Total Suspended Solids (mg/L) | Biochemical Oxygen Demand <sub>5</sub> (mg/L O <sub>2</sub> ) | Total Phosphorus (mg/L P) | Total Nitrogen (mg/L N) | Faecal Coliforms (cfu/100 ml) | E.Coli (cfu/100 ml) | Comments                                                                                                            |
|------------------------------------|-----------------|--|-------|--------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------------------------------------|---------------------------|-------------------------|-------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Licenced Discharge Point (Point 2) | 16/07/2025      |  | 10.20 | 0.36                     | 247.00                       | 5.13                         | 72.00                         | 13.70                                                         | 1.29                      | 3.65                    | <10                           | <10                 | Algae bloom in settling ponds                                                                                       |
|                                    | 20/08/2025      |  | 7.28  | 0.35                     | 237.00                       | 2.35                         | 23.00                         | 17.80                                                         | 1.40                      | 3.05                    | <10                           | <10                 |                                                                                                                     |
|                                    | 17/09/2025      |  | 10.24 | 0.47                     | 320.00                       | 2.56                         | 39.00                         | 12.40                                                         | 1.08                      | 2.89                    | <10                           | <10                 | Algae bloom in settling ponds and temporary failure of areator led to poor settlement of solids in passveer channel |
|                                    | 15/10/2025      |  | 7.70  | 0.56                     | 381.00                       | < 2                          | 21.00                         | 3.45                                                          | 1.50                      | 3.16                    | <10                           | <10                 |                                                                                                                     |
|                                    | 19/11/2025      |  | 9.58  | 0.68                     | 462.00                       | < 2                          | 59.00                         | 17.50                                                         | 9.58                      | 5.29                    | <10                           | <10                 | Algae bloom in settling ponds                                                                                       |
|                                    | 10/12/2025      |  | 7.78  | 0.61                     | 414.00                       | < 2                          | 28.00                         | 13.40                                                         | 0.76                      | 10.00                   | 2000                          | 800                 |                                                                                                                     |
|                                    | 21/01/2026      |  | 7.89  | 0.87                     | 588.00                       | < 2                          | 27.00                         | 9.95                                                          | 1.04                      | 3.65                    | <10                           | <10                 |                                                                                                                     |
|                                    | 19/02/2026      |  | 9.63  | 1.00                     | 681.00                       | < 2                          | 60.00                         | 13.60                                                         | 1.07                      | 4.45                    | 1160                          | <10                 | Algae bloom in settling ponds                                                                                       |
|                                    | 18/03/2026      |  | 9.87  | 1.09                     | 739.00                       | < 2                          | 40.00                         | 4.30                                                          | 0.78                      | 2.83                    | <10                           | <10                 | Algae bloom in settling ponds                                                                                       |
|                                    | 15/04/2026      |  | 6.36  | 1.11                     | 756.00                       | 0.00                         | 10.00                         | 0.00                                                          | 0.72                      | 3.29                    | <10                           | <10                 |                                                                                                                     |
|                                    | 20/05/2026      |  | 7.69  | 0.81                     | 549.00                       | < 2                          | 17.00                         | 2.90                                                          | 1.37                      | 4.24                    | <10                           | <10                 |                                                                                                                     |
| Effluent reuse (Point 5)           | 16/07/2025      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 420                           | 80                  | Potential pollution from wildlife or as discharge point numbers were lower.                                         |
|                                    | 20/08/2025      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 180                           | 60                  |                                                                                                                     |
|                                    | 17/09/2025      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 140                           | 50                  |                                                                                                                     |
|                                    | 15/10/2025      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 1000                          | 960                 |                                                                                                                     |
|                                    | 19/11/2025      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 130                           | 120                 |                                                                                                                     |
|                                    | 10/12/2025      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 170                           | 260                 |                                                                                                                     |
|                                    | 21/01/2026      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 530                           | 400                 |                                                                                                                     |
|                                    | 19/02/2026      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 9200                          | 470                 |                                                                                                                     |
|                                    | 18/03/2026      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 2660                          | 1150                |                                                                                                                     |
|                                    | 15/04/2026      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 9800                          | 480                 |                                                                                                                     |
|                                    | 20/05/2026      |  |       |                          |                              |                              |                               |                                                               |                           |                         | 500                           | 380                 |                                                                                                                     |
| 90th%ile limit                     |                 |  |       |                          |                              |                              |                               |                                                               |                           |                         |                               |                     |                                                                                                                     |
| 100th%ile limit                    |                 |  |       |                          |                              | 10                           | 30                            | 20                                                            |                           |                         | 1000                          |                     |                                                                                                                     |
| Min                                |                 |  | 6.36  | 0.348                    | 237                          | <2                           | 10                            | 0                                                             | 0.723                     | 2.83                    |                               | 800                 |                                                                                                                     |
| Avg                                |                 |  | 8.57  | 0.718636364              | 488.545455                   | 2.51                         | 36.00                         | 9.91                                                          | 1.87                      | 4.23                    |                               |                     |                                                                                                                     |
| Max                                |                 |  | 10.24 | 1.11                     | 756                          | 5.13                         | 72                            | 17.8                                                          | 9.58                      | 10                      | 2000                          | 800                 |                                                                                                                     |