## Mid-Coast Council

PO Box 482
Taree NSW 2430

**Wingham Sewage Treatment Plant**
Combined St
Wingham NSW 2429

**Environmental Protection licence number: 1581**

**Licence anniversary date** **1-Mar**

Abbreviations-
TSS: Total Suspended Solids
BOD: Biochemical Oxygen Demand
FC: Faecal coliforms

# EPA Monitoring Point 1,

### Discharge to waters

## Effluent Quality Monitoring Results

Monitoring frequency: monthly. FC fortnightly

| Date sampled | Date obtained | pH | TSS (mg/L) | BOD (mg/L) | Faecal Coliforms (cfu/100ml) | Nitrogen ammonia (mg/L) | Compliance |
|---|---|---|---|---|---|---|---|
| 5/03/2024 | 19/03/2024 | 7.24 | 7 | 2 | 20 | 0.04 | yes |
| 19/03/2024 | 22/03/2024 | | | | 2 | | |
| 3/04/2024 | 4/04/2024 | | | | 2 | | |
| 9/04/2024 | 22/04/2024 | 7.2 | 11 | 5 | 1100 | 1.82 | yes |
| 23/04/2024 | 24/04/2024 | | | | 14 | | |
| 7/05/2024 | 16/05/2024 | 7.2 | 19 | 8 | 43000 | 2.82 | yes |
| 21/05/2024 | 22/05/2024 | | | | <4 | | |
| 4/06/2024 | 18/06/2024 | 7.2 | 13 | 8 | ~21000 | 2.7 | yes |
| 18/06/2024 | 19/06/2024 | | | | ~8 | | |
| 2/07/2024 | 12/07/2024 | 7.1 | 8 | 4 | ~1300 | 1.16 | yes |
| 16/07/2024 | 17/07/2024 | | | | ~20 | | |
| 30/07/2024 | 19/08/2024 | | | | ~8 | | |
| 6/08/2024 | 19/08/2024 | 7.7 | 6 | 7 | ~16 | 0.23 | yes |
| 20/08/2024 | 22/08/2024 | | | | ~4 | | |
| 3/09/2024 | 12/09/2024 | 7.8 | 13 | 5 | 22 | 0.28 | yes |
| 17/09/2024 | 23/09/2024 | | | | <4 | | |
| 1/10/2024 | 17/10/2024 | 7.2 | 6 | 5 | ~1900 | 2.23 | yes |
| 15/10/2024 | 16/10/2024 | | | | ~130 | | |
| 29/10/2024 | 12/11/2024 | | | | 46 | | |
| 5/11/2024 | 21/11/2024 | 7.6 | 19 | 6.6 | ~60 | 0.29 | yes |
| 19/11/2024 | 20/11/2024 | | | | 160 | | |
| 3/12/2024 | 19/12/2024 | 7 | 2 | 3 | 98 | 0.54 | yes |
| 17/12/2025 | 18/12/2024 | | | | | | |
| 7/01/2025 | 17/01/2025 | 7.8 | 7 | 8 | 190 | 0.1 | |
| 21/01/2025 | 22/01/2025 | | | | ~900 | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 90%ile | | 15 | 10 | N/A | | |
| | 100%ile | 6.5-8.5 | 30 | 20 | N/A | 10 | |
| | **Annual summary** | | | | | | |
| | **minimum** | 7 | 2 | 2 | | 0.04 | |
| | **average** | 7.37 | 10.09 | 5.60 | | 1.11 | |
| | **maximum** | 7.8 | 19 | 8 | | 2.82 | |
| | **90 percentile** | | 19.0 | 8.0 | | | |

## Monthly Discharge Volume Monitoring Summary

Monitoring frequency: daily

Discharge limit: 3400kL during dry weather

| | No of readings | | Average (kL/day) | Max (kL/day) | Compliance |
|---|---|---|---|---|---|
| **Mar-24** | 31 | | 906 | 1518 | yes |
| **Apr-24** | 30 | | 1825 | 7223* | yes |
| **May-24** | 31 | | 2269 | 6596* | yes |
| **Jun-24** | 30 | | 1481 | 8798* | yes |
| **Jul-24** | 31 | | 1343 | 4187* | yes |
| **Aug-24** | 31 | | 1132 | 3658* | yes |
| **Sep-24** | 30 | | 846 | 3467* | yes |
| **Oct-24** | 31 | | 889 | 1445 | yes |
| **Nov-24** | 30 | | 801 | 2057 | yes |
| **Dec-24** | 31 | | 439.1 | 1521 | yes |
| **Jan-25** | 31 | | 1685 | 13258 | yes |
| **Feb-25** | 28 | | | | |

* max flow associated to wet weather events

**Non-compliance comments:**