

**Mid-Coast Council**

PO Box 482

Taree NSW 2428

Hallidays Point Sewage Treatment Plant

Off Pines Rd, Darawank NSW 2428

Abbreviations-

TSS: Total Suspended Solids

BOD: Biochemical Oxygen Demand

Environmental Protection licence number: 3175

Licence anniversary date 15-Feb

**EPA Monitoring Point 1,  
Discharge to waters**

**Effluent Quality Monitoring Results**

Monitoring frequency: BOD, Oil and Grease, TSS -monthly. Conductivity,Faecal Coliforms, Oxidised nitrogen, Nitrogen total, Phosphorus total, TKN - quarterly

| Date sampled         | Date obtained         | Conductivity (µS/cm) | TSS (mg/L) | BOD (mg/L) | Faecal Coliforms cfu/100ml | Nitrogen ammonia (mg/L) | Oxidised Nitrogen (mg/L) | TKN - Nitrogen (mg/L) | Nitrogen total (mg/L) | Phosphorus total (mg/L) | Oil & Grease (mg/L) | Compliance |
|----------------------|-----------------------|----------------------|------------|------------|----------------------------|-------------------------|--------------------------|-----------------------|-----------------------|-------------------------|---------------------|------------|
| 7/03/2023            | 21/03/2023            | 1040                 | 3          | <2         | 2                          | 0.01                    | 1.22                     |                       | 2.13                  | 0.17                    | <5                  | yes        |
| 12/04/2023           | 24/04/2023            | 872                  | 3          | <2         | 22                         | <0.01                   | 1.73                     | 0.73                  | 2.46                  | 0.29                    | <5                  | yes        |
| 2/05/2023            | 15/05/2023            | 888                  | 2          | <2         | 79                         | 0.03                    | 2.12                     |                       | 2.93                  | 1.76                    | <5                  | yes        |
| 6/06/2023            | 21/06/2023            | 1270                 | 3          | <2         | ~8100                      | <0.01                   | 2                        |                       | 2.64                  | 0.94                    | <5                  | yes        |
| 4/07/2023            | 18/07/2023            | 1280                 | <2         | <2         | 1                          | <0.01                   | 5.02                     | 0.63                  | 5.65                  | 2.57                    | <5                  | yes        |
| 1/08/2023            | 9/08/2023             | 1050                 | <2         | <2         | 2                          | 0.03                    | 2.22                     |                       | 3.03                  | 1.91                    | <3                  | yes        |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      |                       |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
| Concentration limits | 90%ile                |                      |            |            |                            |                         |                          |                       |                       | 4mg/L                   |                     |            |
|                      | 100%ile               | N/A                  | 20mg/L     | 20mg/L     | N/A                        | 2mg/L                   | N/A                      | N/A                   | 10mg/L                | N/A                     | 10mg/L              |            |
|                      | <b>Annual summary</b> |                      |            |            |                            |                         |                          |                       |                       |                         |                     |            |
|                      | <b>minimum</b>        | 872                  | 2          | 0          | 1                          | 0.01                    | 1.22                     | 0.63                  | 2.13                  | 0.17                    | <5                  |            |
| <b>average</b>       | 1067                  | 2.75                 | #DIV/0!    | 21         | 0.02                       | 2.39                    | 0.68                     | 3.14                  | 1.27                  | <5                      |                     |            |
| <b>maximum</b>       | 1280                  | 3                    | 0          | 79         | 0.03                       | 5.02                    | 0.73                     | 5.65                  | 2.57                  | <5                      |                     |            |
| <b>90 percentile</b> |                       |                      |            |            |                            |                         |                          |                       |                       | <b>2.24</b>             |                     |            |

**Monthly Volume Monitoring Summary**

Monitoring frequency: daily

Discharge limit 33600kL

|        | No of readings | Min kL/day | Average (kL/day) | Max (kL/day) | Compliance |
|--------|----------------|------------|------------------|--------------|------------|
| Mar-23 | 31             | 3200       | 7280             | 20132        | yes        |
| Apr-23 | 30             | 2319       | 4936             | 15603        | yes        |
| May-23 | 31             | 1893       | 2826             | 3507         | yes        |
| Jun-23 | 30             | 1806       | 2494             | 3437         | yes        |
| Jul-23 | 31             | 1579       | 2709             | 4887         | yes        |
| Aug-23 | 31             |            |                  |              |            |
| Sep-23 | 30             |            |                  |              |            |
| Oct-23 | 31             |            |                  |              |            |
| Nov-23 | 30             |            |                  |              |            |
| Dec-23 | 31             |            |                  |              |            |
| Jan-24 | 31             |            |                  |              |            |
| Feb-24 | 28             |            |                  |              |            |

**EPA Monitoring Point 28 - Discharge to waters**

Monitoring frequency: monthly during discharge

Maintained on licence as emergency redundancy only

Has not been used during this period

**Non-compliance comments:**