

Tuross Sewage Treatment Plant - Monthly Result Summary - June 2023



Anniversary Date: 1-Apr-23
Published Date: 29-Aug-23

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-23 to 31-Mar-24
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=183820&SYSUID=1&LICID=3108>
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: Jun-23

| Licence Point 1 (Discharge to Waters) and 4 (Discharge to Utilisation Area) - Concentration Limits | | | |
|--|-----------------|-----------------------------------|------------------------------------|
| Parameters | Unit of Measure | 50 percentile concentration limit | 100 percentile concentration limit |
| Biological Oxygen Demand | (mg/L) | 15 | 20 |
| Oil and Grease | (mg/L) | | 10 |
| Total Suspended Solids | (mg/L) | 20 | 30 |
| Total Nitrogen | (mg/L) | | |
| Total Phosphorus | (mg/L) | | |

See Note 1

Note 1: A 100 Percentile Concentration Limit of "10 mg/L and no visible oil and grease" applies for Point 1.

Note 2: The monitoring at Point 3, required by Condition M2.1, is conducted by the licensee to determine compliance with limits specified for discharges to Points 1 and 4 as described in Condition L3.

| Licence Point 3 - Effluent Quality Monitoring (Monthly Results) | | | | | | |
|---|---------------------------------|-----------------------|-------------------------------|-----------------------|-------------------------|---------------|
| Sample Frequency | Monthly | Monthly | Monthly | Monthly | Monthly | |
| Sampling Method | Composite Sample | Grab Sample | Composite Sample | Composite Sample | Composite Sample | |
| Sampled Date | Biological Oxygen Demand (mg/L) | Oil and Grease (mg/L) | Total Suspended Solids (mg/L) | Total Nitrogen (mg/L) | Total Phosphorus (mg/L) | Obtained Date |
| 13-Jun-23 | 7.00 | <5 | 8.00 | 20.70 | 3.58 | 23-Jun-23 |
| 100 Percentile Exceedance? | NO | NO | NO | NO | NO | |

| Licence Point 3 - Effluent Quality Monitoring (Year To Date Results) | | | | | |
|--|---------------------------------|-----------------------|-------------------------------|-----------------------|-------------------------|
| Year to Date | Biological Oxygen Demand (mg/L) | Oil and Grease (mg/L) | Total Suspended Solids (mg/L) | Total Nitrogen (mg/L) | Total Phosphorus (mg/L) |
| Samples | 3 | 3 | 3 | 3 | 3 |
| Min | 5.00 | <5 | 8.00 | 11.30 | 2.68 |
| Mean | 6.00 | 2.50 | 10.33 | 14.87 | 3.08 |
| Median (50th %ile) | 6.00 | 2.50 | 11.00 | 12.60 | 2.98 |
| 90th %ile | 6.80 | 2.50 | 11.80 | 19.08 | 3.46 |
| Max (100th %ile) | 7.00 | <5 | 12.00 | 20.70 | 3.58 |

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Licence Point 2 - Influent Volume Monitoring

| Sample Frequency | Daily (Continuous) | Maximum Daily flow (kL) | 7000 |
|-----------------------------|-----------------------|-------------------------|---------------------|
| Sampling Method | Ultrasonic Flow Meter | | |
| Sample Date | Rainfall (mm) | Plant Inflow (kL) | Exceedance (YES/NO) |
| 1-Jun-22 | 0 | 362.9 | NO |
| 2-Jun-22 | 0 | 353.8 | NO |
| 3-Jun-22 | 0.4 | 382.1 | NO |
| 4-Jun-22 | 0.6 | 397.4 | NO |
| 5-Jun-22 | 1.2 | 362.3 | NO |
| 6-Jun-22 | 0 | 357.4 | NO |
| 7-Jun-22 | 0 | 387.2 | NO |
| 8-Jun-22 | 0.4 | 348.0 | NO |
| 9-Jun-22 | 0 | 400.9 | NO |
| 10-Jun-22 | 0 | 459.8 | NO |
| 11-Jun-22 | 0 | 484.0 | NO |
| 12-Jun-22 | 0 | 465.0 | NO |
| 13-Jun-22 | 1.6 | 370.4 | NO |
| 14-Jun-22 | 0 | 382.2 | NO |
| 15-Jun-22 | 0 | 368.8 | NO |
| 16-Jun-22 | 0 | 379.8 | NO |
| 17-Jun-22 | 0 | 327.7 | NO |
| 18-Jun-22 | 0 | 391.6 | NO |
| 19-Jun-22 | 0.2 | 370.5 | NO |
| 20-Jun-22 | 0 | 377.6 | NO |
| 21-Jun-22 | 0 | 355.9 | NO |
| 22-Jun-22 | 1 | 354.2 | NO |
| 23-Jun-22 | 0.4 | 372.9 | NO |
| 24-Jun-22 | 0 | 418.9 | NO |
| 25-Jun-22 | 0 | 415.9 | NO |
| 26-Jun-22 | 0 | 377.3 | NO |
| 27-Jun-22 | 0 | 358.6 | NO |
| 28-Jun-22 | 0 | 355.1 | NO |
| 29-Jun-22 | 0 | 405.5 | NO |
| 30-Jun-22 | 0 | 389.9 | NO |
| Monthly Total | 5.8 | 11533.5 | |
| Monthly Minimum | 0 | 327.66 | |
| Monthly Mean | 0.19 | 384.45 | |
| Monthly Maximum | 1.6 | 483.95 | |
| Year to Date Total | 111.4 | 40924.17 | |
| Year to Date Minimum | 0 | 327.66 | |
| Year to Date Mean | 1.224175824 | 449.7161538 | |
| Year to Date Maximum | 34.2 | 938.9 | |

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Monthly Exceedance Report

| Date | Exceedance Type | Parameter | Description / Action |
|------|-----------------|-----------|----------------------|
| | | | |

EPA Licence Point Map

