

Tuross Sewage Treatment Plant - Monthly Result Summary - February 2020



Licensee: Eurobodalla Shire Council
 EPL No.: 3108
 Premises: Tuross Sewage Treatment Plant
 Address: 217 Kelly Road, Bingie, NSW 2537
 Licence Period: 01-Apr-19 to 31-Mar-20
 EPL Link: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=29169&SYSUID=1&LICID=3108>
 POEO Public Register: <http://www.environment.nsw.gov.au/prpoeoapp/default.aspx>

Anniversary Date: 01-Apr-19
 Published Date: 03-Apr-20

Required Month: Feb-20

| Licence Point / Type of Point: Licence Point 1 - Discharge to Waters | | | | |
|--|-----------------|-----------------------------------|------------------------------------|------------|
| 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 | See Note 1 |
| Total Suspended Solids | (mg/L) | 20 | 30 | |

| Licence Point/Type of Point Licence Point 4 - Discharge to Utilisation Area | | | | |
|---|-----------------|-----------------------------------|------------------------------------|------------|
| 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 | See Note 1 |
| Total Suspended Solids | (mg/L) | 20 | 30 | |

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 Point 1 as described in Condition L3.

| Licence Point / Type of Point: Licence Point 3 - Effluent Quality Monitoring | | | | | | |
|--|---------------------------------|-----------------------|-----------------------|-------------------------|-------------------------------|---------------|
| Sample Frequency | Monthly Composite | Monthly Grab | Monthly Composite | Monthly Composite | Monthly Composite | |
| Parameters | Biological Oxygen Demand (mg/L) | Oil and Grease (mg/L) | Total Nitrogen (mg/L) | Total Phosphorus (mg/L) | Total Suspended Solids (mg/L) | Obtained Date |
| Unit of Measure | | | | | | |
| Sample Date | | | | | | |
| 25-Feb-20 | 6 | <10 | 8.14 | 6.74 | 15 | 06-Mar-20 |
| Minimum Value | 6 | <3 | 8.14 | 6.74 | 15 | |
| Maximum Value | 6 | <3 | 8.14 | 6.74 | 15 | |

| Licence Condition - 100 Percentile | | | | | | | | | |
|------------------------------------|--------------------------|--------------------------------------|------------|----------------|--------------------------------------|------------|------------------------|--------------------------------------|------------|
| Sample Date | Biological Oxygen Demand | | | Oil and Grease | | | Total Suspended Solids | | |
| | Measurement | Actual 100 Percentile to Sample Date | Exceedance | Measurement | Actual 100 Percentile to Sample Date | Exceedance | Measurement | Actual 100 Percentile to Sample Date | Exceedance |
| 25-Feb-20 | 6 | 13 | NO | <10 | 10 | NO | 15 | 27 | NO |

Note: For the purpose of this licence, a composite sample is defined as at least three grab samples forming a pooled sample, with the first and last samples taken at least seven hours apart.

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| Licence Point / Type of Point: Licence Point 2 - Influent Volume Monitoring | | | |
|---|-----------------------|-------------------------|------------|
| Sample Frequency | Daily (Continuous) | Maximum Daily flow (kL) | 7000 |
| Sampling Method | Ultrasonic Flow Meter | | |
| Parameters | Rainfall | Flow | Exceedance |
| Unit of Measure | (mm) | (kL) | (YES/NO) |
| Sample Date | | | |
| 1-Feb-20 | 0 | 384.6 | NO |
| 2-Feb-20 | 0 | 343.7 | NO |
| 3-Feb-20 | 0 | 357.6 | NO |
| 4-Feb-20 | 0 | 335.6 | NO |
| 5-Feb-20 | 0 | 331.8 | NO |
| 6-Feb-20 | 0 | 320.3 | NO |
| 7-Feb-20 | 0 | 343.8 | NO |
| 8-Feb-20 | 0 | 519.2 | NO |
| 9-Feb-20 | 0 | 519.2 | NO |
| 10-Feb-20 | 0 | 1916.4 | NO |
| 11-Feb-20 | 0 | 1014.0 | NO |
| 12-Feb-20 | 0 | 543.9 | NO |
| 13-Feb-20 | 24 | 1001.2 | NO |
| 14-Feb-20 | 0 | 688.9 | NO |
| 15-Feb-20 | 0 | 581.1 | NO |
| 16-Feb-20 | 0 | 498.4 | NO |
| 17-Feb-20 | 0 | 479.8 | NO |
| 18-Feb-20 | 0.2 | 510.7 | NO |
| 19-Feb-20 | 0.4 | 388.3 | NO |
| 20-Feb-20 | 0 | 400.0 | NO |
| 21-Feb-20 | 0 | 390.8 | NO |
| 22-Feb-20 | 0 | 421.4 | NO |
| 23-Feb-20 | 0 | 450.7 | NO |
| 24-Feb-20 | 0 | 401.4 | NO |
| 25-Feb-20 | 0 | 387.5 | NO |
| 26-Feb-20 | 0.4 | 372.6 | NO |
| 27-Feb-20 | 0 | 382.9 | NO |
| 28-Feb-20 | 0 | 414.1 | NO |
| 29-Feb-20 | 0 | 446.2 | NO |
| Monthly Total | 25 | 15146 | |
| Monthly Minimum | 0 | 320 | |
| Monthly Maximum | 24 | 1916 | |

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Exceedance Report

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

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