

Tuross Sewage Treatment Plant - Monthly Result Summary - January 2018



Licensee: Eurobodalla Shire Council
 EPL No.: 3108
 Premises: Tuross Sewage Treatment Plant
 Address: 217 Kelly Road, Bingie, NSW 2537
 Licence Period: 01-Apr-17 to 31-Mar-18
 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-17
 Published Date: 08-Feb-18

Required Month: Jan-18

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						
02-Jan-18	7	<3	8.59	2.84	7	11-Jan-18
30-Jan-18	5	<3	3.01	1.62	15.4	08-Feb-18
Minimum Value	5	<3	3.01	1.62	7	
Maximum Value	7	<3	8.59	2.84	15.4	

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
02-Jan-18	7	19	NO	<3	3	NO	7	28	NO
30-Jan-18	5	19	NO	<3	3	NO	15.4	28	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-Jan-18	0	763.7	NO
2-Jan-18	28.6	757.8	NO
3-Jan-18	0	702.6	NO
4-Jan-18	0	703.7	NO
5-Jan-18	0	704.9	NO
6-Jan-18	0	690.9	NO
7-Jan-18	0	657.3	NO
8-Jan-18	8.4	590.3	NO
9-Jan-18	6.8	594.3	NO
10-Jan-18	0	632.9	NO
11-Jan-18	0	572.6	NO
12-Jan-18	4.4	566.9	NO
13-Jan-18	33.6	890.4	NO
14-Jan-18	2.4	1066.9	NO
15-Jan-18	0	674.3	NO
16-Jan-18	0	600.2	NO
17-Jan-18	0	562.5	NO
18-Jan-18	0	543.4	NO
19-Jan-18	0	544.4	NO
20-Jan-18	0	560.4	NO
21-Jan-18	0	543.9	NO
22-Jan-18	0	475.4	NO
23-Jan-18	28	509.7	NO
24-Jan-18	0	506.9	NO
25-Jan-18	2	508.0	NO
26-Jan-18	0	613.7	NO
27-Jan-18	0	588.5	NO
28-Jan-18	14	651.2	NO
29-Jan-18	0	501.9	NO
30-Jan-18	6	474.4	NO
31-Jan-18	0	No Result	
Monthly Total	134	18754	
Monthly Minimum	0	474	
Monthly Maximum	34	1067	

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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