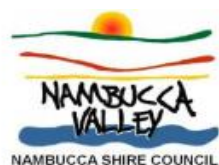




Sewer Treatment Plants **01 Jan 2019 - 31 Dec 2019**
Macksville STP Environmental Compliance

Environment Protection Licence: 579 Report Generated: Sunday, 05 January 2020

	BOD	TSS	OG	FC	TP	TN	pH	NH3-N
Limits								
90 th %ile Max	10	20	5	200	0.5	10		2
100 th %ile Min							6.5	
100 th %ile Max	20	30	10	600	1.0	20	8.5	5
Units	mg/L	mg/L	mg/L	cfu/100mL	mg/L	mg/L	pH unit	mg/L
9/01/2019	<2	19	<2	0	0.05	4.62	5.6	0.80
23/01/2019	4	23	<2	5	0.10	5.58	6.7	0.35
6/02/2019	5	32	<2	3	0.18	6.14	7.5	1.80
20/02/2019	2	27	<2	4	0.10	5.70	6.4	0.31
6/03/2019	3	23	<2	0	0.14	5.61	7.6	0.13
20/03/2019	5	20	<2	12	0.16	7.91	7.2	2.13
3/04/2019	2	12	<2	0	0.12	8.47	6.8	1.75
8/04/2019	3	16	<2	40	0.09	7.11	7.5	0.30
1/05/2019	<2	17	<2	22	0.08	7.77	6.8	0.40
8/05/2019	3	10	<2	46	0.12	6.36	7.4	0.20
29/05/2019	4	12	<2	4	0.09	7.66	7.4	0.21
12/06/2019	4	14	<2	4	0.10	7.31	6.2	0.19
26/06/2019	5	11	<2	25	0.10	7.43	6.9	0.99
10/07/2019	7	14	<2	141	0.10	6.10	7.1	0.27
24/07/2019	4	9	<2	0	0.08	5.67	7.2	0.31
7/08/2019	6	12	<2	20	0.11	4.45	7.7	0.29
21/08/2019	3	10	<2	3	0.11	4.64	7.7	0.37
11/09/2019	5	7	<2	136	0.17	4.05	8.5	0.11
18/09/2019	5	8	<2	16	0.23	4.88	7.6	1.64
2/10/2019	<2	3	<2	20	0.10	3.49	7.7	0.48
16/10/2019	<2	5	<2	3	0.10	3.66	7.5	0.33
30/10/2019	3	11	<2	10	0.16	4.62	7.5	1.87
13/11/2019	4	30	<2	4	0.17	3.14	8.9	0.05
27/11/2019	5	17	<2	30	0.12	3.13	7.5	0.41
11/12/2019	4	20	<2	0	0.12	3.56	8.3	0.08
No of Samples	25	25	25	25	25	25	25	25
Samples Required by EPL	26	26	26	26	26	26	26	26
Minimum	1	3	1.0	0	0.05	3.13	5.6	0.05
Average	4	15	1.0	22	0.12	5.56	7.3	0.63
Samples < 90th percentile limit	100.0%	80.0%	100.0%	100.0%	100.0%	100.0%	-	96.0%
Samples within 100th percentile limits	100.0%	96.0%	100.0%	100.0%	100.0%	100.0%	84.0%	100.0%
Maximum	7	32	1.0	141	0.23	8.47	8.9	2.13
Notes	TNTC denotes "Too Numerous To Count"							



Sewer Treatment Plants								01 Jan 2019 - 31 Dec 2019	
Nambucca STP Environmental Compliance								Environment Protection Licence: 803	
								Report Generated: Sunday, 05 January 2020	
Limits	BOD	TSS	OG	FC	TP	TN	pH	NH ₃ -N	
90 th %ile Max	10	15	5	200	0.5	10			
100 th %ile Min									
100 th %ile Max	20	30	10	600	1.0	20			
Units	mg/L	mg/L	mg/L	cfu/100mL	mg/L	mg/L	pH unit	mg/L	
9/01/2019	3	8	<2	6	0.36	4.61	7.1	0.64	
16/01/2019	6	10	<2	90	0.47	4.13	7.3	0.72	
30/01/2019	5	13	<2	0	0.27	4.39	7.5	0.11	
13/02/2019	<2	11	<2	10	0.58	3.64	6.9	0.39	
27/02/2019	2	15	<2	0	0.29	3.20	6.8	0.22	
13/03/2019	3	11	<2	15	0.40	3.09	7.3	0.64	
26/03/2019	3	10	<2	6	0.34	3.32	7.2	0.39	
8/04/2019	7	17	<2	280	0.52	3.12	7.5	0.03	
1/05/2019	2	10	<2	50	0.59	5.78	7.0	2.46	
15/05/2019	<2	6	<2	0	0.20	3.30	7.0	1.06	
22/05/2019	5	28	<2	15	0.54	4.09	7.1	0.85	
5/06/2019	<2	7	<2	0	0.25	3.53	7.2	0.92	
19/06/2019	<2	6	<2	2	0.15	3.73	7.0	1.21	
4/07/2019	<2	6	<2	0	0.25	5.30	7.0	3.45	
17/07/2019	<2	7	<2	0	0.18	10.00	7.2	8.90	
31/07/2019	2	9	<2	0	0.34	4.48	7.2	0.75	
14/08/2019	4	9	<2	0	0.42	6.14	7.2	3.68	
28/08/2019	7	12	<2	16	0.26	4.38	7.2	1.78	
11/09/2019	<2	5	<2	5	0.20	3.75	7.3	1.62	
25/09/2019	<2	7	<2	3	0.42	4.15	7.1	1.74	
9/10/2019	3	7	<2	15	0.29	6.92	7.1	3.94	
23/10/2019	3	5	<2	16	0.25	4.07	7.4	2.11	
6/11/2019	7	9	<2	16	0.43	4.24	7.2	2.34	
20/11/2019	<2	7	<2	20	0.26	3.58	7.1	1.06	
4/12/2019	<2	9	<2	10	0.16	3.56	7.3	0.55	
No of Samples	25	25	25	25	25	25	25	25	
Samples Required by EPL	26	26	26	26	26	26			
Minimum	1	5	1	0	0.15	3.09	6.8	0.03	
Average	3	10	1	23	0.34	4.42	7.2	1.66	
Samples < 90th percentile limit	100.0%	92.0%	100.0%	96.0%	84.0%	100.0%	-	-	
Samples within 100th percentile limits	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	-	
Maximum	7	28	1	280	0.59	10.00	7.5	8.90	
Notes	TNTC denotes "Too Numerous To Count"								

