

Mid-Coast Council

PO Box 482

Taree NSW 2428

Gloucester Sewage Treatment Plant

84 Showground Road

Gloucester NSW 2422

Environmental Protection licence number: 721

Licence anniversary date

1st December

Abbreviations-

TSS: Total Suspended Solids

BOD: Biochemical Oxygen Demand

EPA Monitoring Point 3

Discharge Quality to waters, Effluent quality monitoring

Effluent Quality Monitoring Results

Monitoring frequency: monthly

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Nitrogen Ammonia (mg/L)	Total Nitrogen (mg/L)	Chlorophyll-a (ug/L)	Compliance
6/12/2022	22/12/2022	9.7	35	7	0.05	3.01	135	yes
4/01/2023	13/01/2023	9.9	34	8	0.13	3.38	232	yes
7/02/2023	20/02/2023	10.4	53	5	0.02	7.49	490	yes
7/03/2023	20/03/2023	10.1	61	7	0.02	5.03	462	yes
12/04/2023	24/04/2023	8.8	21	12	0.36	6.94	223	yes
2/05/2023	12/05/2023	7.7	7	4	3.71	8.17	24	yes
6/06/2023	27/06/2023	7.6	5	4	1.8	6.14	96	yes
4/07/2023	21/07/2023	8	57	37	0.98	15.3	1470	yes
1/08/2023	15/08/2023	7.8	11	8	0.52	3.03	136	yes
5/09/2023	5/10/2023	8.2	21	9	1	5.97	190	yes
4/10/2023	23/10/2023	8.4	71	25	1.12	6.84	529	yes
7/11/2023	23/11/2023	8.3	41	16	3.2	9.61	232	yes

Note: exceedances with pH,TSS,BOD not considered a non compliance when chlorophyll-a is greater than 100 ug/L

Concentration limits	100%ile	6.5-8.5	30	20	10	35
		Annual summary				
	minimum	7.6	5	4	0.02	3.01
	average	9	35	12	1.08	6.74
	maximum	10.4	71	37	3.71	15.3

EPA Monitoring Point 3 - Total outflow volume monitoring

discharge to waters

Monthly Volume Monitoring Summary

Monitoring frequency: daily

Discharge limit 6500kL

	No of readings	Min kL/day	Average (kL/day)	Max (kL/day)	Compliance
Dec-22	31	256	353	988	yes
Jan-23	31	251	500	1909	yes
Feb-23	28	255	549	1909	yes
Mar-23	31	260	811	2838	yes
Apr-23	30	357	628	1811	yes
May-23	31	301	350	529	yes
Jun-23	30	309	334	378	yes
Jul-23	31	0	206	507	yes
Aug-23	31	0	43	272	yes
Sep-23	30	0	34	219	yes
Oct-23	31	0	15	265	yes
Nov-23	30	0	523	1818	yes

Non-compliance comments: