

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
14/12/2021	4/01/2022	8	35	11	0.3	6.23	139	yes
5/01/2022	19/01/2022	8.9	34	7	0.48	4.78	136	yes
1/02/2022	14/02/2022	7.8	30	8	0.33	2.92	168	yes
1/03/2022	14/03/2022	7.1	15	4	3.36	9.6	30	yes
5/04/2022	19/04/2022	7.2	6	<2	2.72	5.48	9	yes
3/05/2022	17/05/2022	7.4	5	<2	2.78	10.5	22	yes
7/06/2022	17/06/2022	7.3	12	2	0.73	11.9	24	yes
5/07/2022	19/07/2022	7.4	<2	2	6.79	17.1	3	yes
2/08/2022	22/08/2022	7.3	4	<2	0.29	8.86	10	yes
6/09/2022	26/09/2022	7.7	8	6	6.94	24	26	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		7.1	4	2	0.29	2.92
average		8	17	6	2.47	10.14
maximum		8.9	35	11	6.94	24

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-21	31	398	874	2288	yes
Jan-22	31	239	535	1287	yes
Feb-22	28	336	1120	2478	yes
Mar-22	31	472	1743	3904	yes
Apr-22	30	482	1107	2342	yes
May-22	31	164	624	1118	yes
Jun-22	30	1	343	599	yes
Jul-22	31	219	1001	3463	yes
Aug-21	31	319	389	555	yes
Sep-21	30	311	874	2278	yes
Oct-21	31				
Nov-21	30				

Non-compliance comments: