

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
5/12/2023	12/12/2023	7.7	24	9	0.3	8.42	90	yes
3/01/2024	25/01/2024	8.5	54	11	0.12	3.74	140	yes
6/02/2024	19/02/2024	7.1	34	16	1.73	6.24	27	no
5/03/2024	25/03/2024	7.2	20	9	0.61	3.77	84	yes
9/04/2024	22/04/2024	7	21	11	2.42	9.72	111	yes
7/05/2024	17/05/2024	7.1	8	5	6.72	14.2	15	yes
4/06/2024	18/06/2024	7.2	3	4	7.12	12.4	8	yes
2/07/2024	25/07/2024	7.2	8	7	4.35	9.95	69	yes
6/08/2024	27/08/2024	7.1	7	15	5.36	13.8	143	yes
3/09/2024	17/09/2024	8.8	42	22	0.17	11.4	430	yes
1/10/2024	31/10/2024	7.1	8	6	7.7	20.7	9	yes
5/11/2024	2/11/2024	8.5	36	9.1	0.15	7.61	80	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

3

4

0.12

3.74

average

8

22

10

3.06

10.16

maximum

8.8

54

22

7.7

20.7

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-23	31	0	316	1443	yes
Jan-24	31	0	263	1844	yes
Feb-24	28	0	496	2717	yes
Mar-24	31	210	317	597	yes
Apr-24	30	272	739.3	3415	yes
May-24	31	353	1016	3008	yes
Jun-24	30	327	823	3121	yes
Jul-24	31	34	384	1062	yes
Aug-24	31	37	428	1083	yes
Sep-24	30	0	362	1822	yes
Oct-24	31	325	531.8	1093	yes
Nov-24	30	0	382	952	yes

Non-compliance comments:

6/02/2024 no discharge at time,non discharge 30/1- 7/02.

Corresponding Maturation pond chlorophyll-a result was 195ug/L.

Discharges resumed with significant rainfall commencing on 16th.