

Mid-Coast Council

PO Box 482

Taree NSW 2430

Harrington Wastewater Treatment Plant

Off Industrial Road

Harrington NSW 2427

Environmental Protection licence number: 2505, anniversary date 1- August

Abbreviations-

TSS: Total Suspended Solids

BOD: Biochemical Oxygen Demand

FC: Faecal coliforms

EPA Monitoring Point 1, at Catch pond following clarifiers, immediately upstream of exfiltration ponds

Effluent Quality Monitoring Results

Monitoring frequency: monthly

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Faecal Coliforms cfu/100ml	Enterococci cfu/100ml	Nitrogen ammonia (mg/L)	Total Nitrogen mg/L	Total Phosphorus mg/L	Compliance
6/08/2024	27/08/2024	7.2	<2	<2	820	2	2.16	8.34	2.85	yes
03/09/2024	23/09/2024	7.4	<2	2	~4300	~810	0.4	5.32	2.75	yes
01/10/2024	31/10/2024	7.2	2	<2	33000	~2000	2.5	6.97	5.22	yes
05/11/2024	2/12/2024	7.2	2	2.6	~15000	~1500	0.34	5.98	4.61	yes
03/12/2024	20/12/2024	7.2	3	3	~19000	~16 000	0.39	8.01	5.9	yes
07/01/2025	23/01/2025	7.3	2	4	~13000	~2500	0.82	3.96	6.2	yes
4/02/2025	26/02/2025	7.3	<2	<2	5800	350	0.2	5.36	3.16	yes
4/03/2025	14/03/2025	7.1	2	2	~12000	46	0.42	9.58	7.24	yes
100%ile limit		6.5-8.5	30	20	n/a	n/a	n/a	n/a	n/a	

Annual summary

minimum	7.1	2.0	2.0	820	2	0.2	4.0	2.8
average	7.24	2.2	2.7	13207	133	0.9	6.7	4.7
maximum	7.4	3	4	33000	350	2.5	9.58	7.24

EPA Monitoring Point 2,

discharge flow from premises to wetlands, downstream of exfiltration ponds

Effluent Quality Monitoring Results

Monitoring frequency: monthly

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Faecal Coliforms cfu/100ml	Enterococci cfu/100ml	Nitrogen ammonia (mg/L)	Total Nitrogen mg/L	Total Phosphorus mg/L
6/08/2024	27/08/2024	7.5	<2	<2	80	30	1.07	5.53	2.49
03/09/2024	23/09/2024	7.9	<2	<2	94	2	0.09	3.27	2.63
01/10/2024	31/10/2024	8.8	<2	<2	~86	1	0.06	5.02	3.24
05/11/2024	2/12/2024	7.8	<2	2.1	~16	~10	0.1	2.15	5.92
03/12/2024	20/12/2024	7.6	7	3	~310	8	0.26	2.83	4.69
07/01/2025	23/01/2025	7.8	11	5	20	620	0.83	3.17	5.34
4/02/2025	26/02/2025	7.6	7	4	48	48	0.86	2.67	3.48
4/03/2025	14/03/2025	8.9	15	6	260	60	0.99	3.71	2.7

No concentration limits from this point

Annual summary

minimum	7.5	7	2.1	20	1	0.06	2.2	2.49
average	7.99	10.00	4.02	100	110	0.53	3.54	3.81
maximum	8.9	15	6	260	620	1.07	5.53	5.92

Monthly Volume Monitoring Summary

Monitoring frequency: daily

	No of readings	Min kL/day	Average (kL/day)	Max (kL/day)
Aug-24	31	807	945.4	1176
Sep-24	30	751	849	1122
Oct-24	31	817	931	1032
Nov-24	30	732	1137	2426
Dec-24	31	515	831	1312
Jan-25	31	1014	1338	2206
Feb-25	29	716	992	1272
Mar-25	31	609	1037	1685
Apr-25	30			
May-25	31			
Jun-25	30			
Jul-25	31			

Non-compliance comments: