

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
1/04/2025	22/04/2025	7.2	2	<2	26000	820	0.09	3.76	2.82	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	0.1	3.8	2.8	
	average	7.23	2.2	2.7	16405	305	0.8	6.4	4.5	
	maximum	7.4	3	4	33000	820	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
1/04/2025	22/04/2025	7.6	3	<2	~44	2	0.43	3.58	4.08
No concentration limits from this point									
Annual summary									
	minimum	7.5	3	2.1	20	1	0.06	2.2	2.49
	average	7.94	8.60	4.02	100	96	0.52	3.55	3.84
	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	946	1180	1939
May-25	31			
Jun-25	30			
Jul-25	31			

Non-compliance comments: