

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

100%ile limit	6.5-8.5	30	20	n/a	n/a	n/a	n/a	n/a	n/a	
Annual summary										
minimum	7.2	0.0	2.0	820	2	0.4	5.3	2.8		
average	7.30	#DIV/0!	2.0	820	2	1.3	6.8	2.8		
maximum	7.4	0	2	820	2	2.16	8.34	2.85		

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

No concentration limits from this point

Annual summary										
minimum	7.5	0	0	80	1	0.06	3.3	2.49		
average	8.07	#DIV/0!	#DIV/0!	87	11	0.41	4.61	2.79		
maximum	8.8	0	0	94	30	1.07	5.53	3.24		

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			
Dec-24	31			
Jan-25	31			
Feb-25	29			
Mar-25	31			
Apr-25	30			
May-25	31			
Jun-25	30			
Jul-25	31			

Non-compliance comments: