Mid-Coast Council

PO Box 482
Taree NSW 2430
Bulahdelah Sewage Treatment Plant
Pacific Hwy
Bulahdelah NSW 2423
Environmental Protection licence number: 5305
Licence anniversary date **6th December**

Abbreviations-
TSS: Total Suspended Solids
BOD: Biochemical Oxygen Demand
FC: Faecal coliforms

EPA Monitoring Point 1,

Discharge to Frys Creek

Effluent Quality Monitoring Results

Monitoring frequency: monthly

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Faecal Coliforms (cfu/100ml)	Nitrogen ammonia (mg/L)	Oxidised Nitrogen (mg/L)	Total Phosphorus (mg/L)	Oil & Grease (mg/L)	Total Aluminium (mg/L)	Compliance
3/12/2024	2/01/2025	7.8	<2	<2	<1	0.04	2.48	0.11	<5	0.092	yes
07/01/2025	17/01/2025	7.9	3	2	<1	0.07	2.62	0.14	<5	0.047	yes
4/02/2025	20/02/2025	7.4	6	4	1	0.03	7.97	0.23	<5	0.029	yes
4/03/2025	14/03/2025	8.0	2	<2	2	0.06	7.08	0.12	<5	0.059	yes
1/04/2025	22/04/2025	7.1	<2	<2	17	0.02	3.16	0.11	<5	0.072	yes
Concentration limits	50%ile		8	8				0.3			
	90%ile		30	10		0.5		0.5			
	100%ile	6.5-8.5	35	20	200	1	10	1	10	n/a	
						Annual summary					
	minimum	7.1	2	2	1	0.02	2.48	0.11	<5	0.03	
	average	7.64	3.67	3.00	6.67	0.04	4.66	0.14	<5	0.06	
	maximum	8	6	4	17	0.07	7.97	0.23	<5	0.09	
	50 percentile	7.8	3	3	2	0.04	3.16	0.12			
	90 percentile	8.0	5.4	3.8	14.0	0.1	7.6	0.2			

EPA Monitoring Point 2,

Discharge at V notch weir flow to Frys Creek

Monthly Volume Monitoring Summary

Monitoring frequency: daily
Discharge limit 2000kL

	No of readings	Average (kL/day)	Max (kL/day)	Compliance
Dec-24	31	141	694	yes
Jan-25	31	817	2218	no
Feb-25	28	348	1774	yes
Mar-25	31	757	2157	no
Apr-25	30	706	1856	yes
May-25	31			
Jun-25	30			
Jul-25	31			
Aug-25	31			
Sep-25	30			
Oct-25	31			
Nov-25	30			

Non-compliance comments:

High flow due to intense rainfall events- 478mm in Jan
intense rainfall events- 105mm in two days March 2025