

PO Box 482
Taree NSW 2430
Bulahdelah Sewage Treatment Plant
Pacific Hwy
Bulahdelah NSW 2423

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

Environmental Protection licence number: 5305
Licence anniversary date 6th December

EPA Monitoring Point 1, Discharge to Frys Creek

Effluent Quality Monitoring Results

Monitoring frequency: monthly

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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
6/05/2025	16/05/2025	7.2	<2	<2	1	<0.01	5.91	0.052	<5	0.026	yes
Concentration limits	50%ile 90%ile 100%ile	8 30 6.5-8.5	8 10 35	8 10 20	200	0.5 1	10	0.3 0.5 1	10	n/a	
		Annual summary									
	minimum	7.1	2	2	1	0.02	2.48	0.052	<5	0.03	
	average	7.57	3.67	3.00	5.25	0.04	4.87	0.13	<5	0.05	
	maximum	8	6	4	17	0.07	7.97	0.23	<5	0.09	
	50 percentile	7.6	3	3	1.5	0.04	4.535	0.115			
	90 percentile	8.0	5.4	3.8	12.5	0.1	7.5	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	1297	2255	no
Jun-25	30			
Jul-25	31			
Aug-25	31			
Sep-25	30			
Oct-25	31			
Nov-25	30			

Non-compliance comments:

Jan discharge -High flow due to intense rainfall events- 478mm

March discharges -intense rainfall events- 105mm in two days

May discharge- natural disaster flooding