

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
5/12/2023	2/01/2024	7.7	4	2	22	0.03	1.17	0.14	<3	0.049	yes
03/01/2024	22/01/2024	7.9	2	4	5	0.04	2.41	0.2	<3	0.131	yes
6/02/2024	20/02/2024	7.7	2	<2	<1	0.06	3.63	0.32	<3	0.037	yes
5/03/2024	26/03/2024	7.9	2	<2	6	0.05	3.53	0.31	<3	0.213	yes
9/04/2024	22/04/2024	7.2	<2	<2	<1	0.06	2.81	0.21	<3	0.111	yes
7/05/2024	16/05/2024	7.0	<2	<2	2	<0.01	2.23	0.14	<5	0.407	yes
4/06/2024	18/06/2024	7.0	<2	<2	<1	<0.01	2.11	0.081	<10	0.322	yes
2/07/2024	25/07/2024	7.2	<2	<2	<1	<0.01	5.79	0.023	<5	0.067	yes
6/08/2024	19/08/2024	7.1	<2	<2	<2	0.03	5.65	0.071	<5	0.03	yes
3/09/2024	25/09/2024	7.4	<2	2	<1	0.01	2.54	0.11	<5	0.02	yes
1/10/2024	17/10/2024	7.1	<2	<2	26	0.42	2.6	0.12	<5	0.07	yes
5/11/2024											
Concentration limits	50%ile 90%ile 100%ile	6.5-8.5	8 30 35	8 10 20	200	0.5 1	10	0.3 0.5 1	10	n/a	
		Annual summary									
	minimum	7	2	2	2	0.01	1.17	0.023	<5	0.02	
	average	7.38	2.50	2.67	12.20	0.09	3.13	0.16	<5	0.13	
	maximum	7.9	4	4	26	0.42	5.79	0.32	<5	0.41	
	50 percentile	7.2	2	2	6	0.045	2.6	0.14			
	90 percentile	7.9	3.4	3.6	24.4	0.2	5.7	0.3			

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-23	31	182	701	yes
Jan-24	31	142	427	yes
Feb-24	28	354	730	yes
Mar-24	31	301	779	yes
Apr-24	30	556	1520	yes
May-24	31	884	2068	no
Jun-24	30	646	2129	no
Jul-24	31	425	910	yes
Aug-24	31	448	873	yes
Sep-24	30	461	1675	yes
Oct-24	31	425	734	yes
Nov-24	30			

Non-compliance comments:

May discharge volume- heavy rainfall, storages full

June discharge volume- heavy rainfall, storages full