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
14/12/2021	4/01/2022	7.4	2	2	1	0.09	5.01	0.13		0.04	yes
04/01/2022	20/01/2022	7.5	8	3	1	0.04	3.621	0.13	<5	0.04	yes
1/02/2022	14/02/2022	7.5	2	2	1	0.05	3.95	0.094	<5	0.02	yes
1/03/2022	14/03/2022	7.3	2	2	1	0.1	3.05	0.11	<5	0.03	yes
5/04/2022	19/04/2022	7	2	2	1	0.1	4.39	0.12	<5	0.14	yes
10/05/2022	18/05/2022	7.2	2	<2	<1	0.04	8.62	0.13	<5	0.04	yes
7/06/2022	20/06/2022	7.2	<2	<2	<1	0.04	7.85	0.089	<5	0.02	yes
5/07/2022	19/07/2022	7	<2	<2	<1	0.15	2.22	0.069	<5	0.14	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	2	2	1	0.04	2.22	0.069	<5	0.02	
	average	7.26	3.00	2.20	1.00	0.08	4.84	0.11	<5	0.06	
	maximum	7.5	8	3	1	0.15	8.62	0.13	<5	0.14	
	50 percentile	7.25	2	2	1	0.07	4.17	0.115			
	90 percentile	7.5	5.0	2.6	1.0	0.1	8.1	0.1			

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	Min kL/day	Average (kL/day)	Max (kL/day)	Compliance
Dec-21	31	78	485	1290	yes
Jan-22	31	158	421	716	yes
Feb-22	28	167	653	1436	yes
Mar-22	31	348	1086	2179	No
Apr-22	30	317	904	2223	No
May-22	31	202	532	1223	yes
Jun-22	30	241	373	614	yes
Jul-22	31				
Aug-22	31				
Sep-22	30				
Oct-22	31				
Nov-22	30				

Non-compliance comments:

Discharge volume of 2000kL exceeded on three occassions- significant wet weather events with wet weather storage at full capacity.