

## 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
2/08/2022	22/08/2022	7.2	2	2	1	0.1	7.1	0.035	<5	0.04	yes
6/09/2022	16/09/2022	7.5	2	2	1	0.05	2.81	0.078	<5	0.08	yes
5/10/2022	17/10/2022	7.3	2	2	1	0.04	2.82	0.033	<5	0.06	yes
1/11/2022		7.5	2	2	1	0.08	1.62	0.094	<5	0.07	yes
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	
<b>Annual summary</b>											
minimum		7	2	2	1	0.04	1.62	0.033	<5	0.02	
average		7.30	2.50	2.08	1.00	0.07	4.42	0.09	<5	0.06	
maximum		7.5	8	3	1	0.15	8.62	0.13	<5	0.14	
50 percentile		7.3	2	2	1	0.065	3.7855	0.094			
90 percentile		7.5	2.0	2.0	1.0	0.1	7.8	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	353	959	1950	yes
Aug-22	31	288	458	935	yes
Sep-22	30	247	574	1250	yes
Oct-22	31	315	604	1278	yes
Nov-22	30	0	309	859	yes

### Non-compliance comments:

Discharge volume of 2000kL exceeded on three occasions- significant wet weather events with wet weather storage at full capacity.  
14/12/2021 Oil and Grease was sampled and sent to Sydney Water lab. Covid restrictions has resulted with samples arriving outside time and preservation requirements. Sample not analysed