Mid-Coast Council

PO Box 450
Forster NSW 2428

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)	Free chlorine in situ continuous mg/L	Compliance
15/12/2020	30/12/2020	7.6	5	2	29	0.03	4.78	0.18	<5	0.02		yes
19/01/2021	31/01/2021	2	2	36	36	0.05	2.13	0.052	<5	0.04		yes
23/02/2021	11/03/2021	7.3	2	2	1	0.09	3.36	0.12	<5	0.12		yes
	50%ile		8	8				0.3				
Concentration	90%ile		30	10		0.5		0.5				
limits	100%ile	6.5-8.5	35	20	200	1	10	1	10	n/a	<0.5mg/L	
						Annual summary						
	minimum	2	2	2	1	0.03	2.13	0.052	<5	0.02		
	average	5.63	3.00	13.33	22.00	0.06	3.42	0.12	<5	0.06		
	maximum	7.6	5	36	36	0.09	4.78	0.18	<5	0.12	0.301	
	50 percentile	7.3	2	2	29	0.05	3.36	0.12				
	90 percentile	7.5	4.4	29.2	34.6	0.1	4.5	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	Min kL/day	Average (kL/day)	Max (kL/day)	Compliance
Dec-19	31	2	489.2	1513	yes
Jan-20	31	169	642.9	1761	yes
Feb-20	28	334	675.4	1628	yes
Mar-20					
Apr-20					
May-20					
Jun-20					
Jul-20					
Aug-20					
Sep-20					
Oct-20					
Nov-20					

Non-compliance comments: