

## 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
10/12/2019	6/01/2020	7.8	0	0	0	0.018	1.856	0.066	0	0.03		yes
21/01/2020	10/02/2020	7.3	0	0	13	0.06	3.31	0.24	0	0.05		yes
18/02/2020	2/03/2020	7.2	0	0	9	0.05	1.92	0.11	0	0.1		yes
17/03/2020	31/03/2020	7.4	0	0	0	0.04	2.71	0.084	0	0.03		yes
15/04/2020	28/04/2020	7.6	0	0	0	0.02	3.36	0.058	0	0.02		yes
12/05/2020	22/05/2020	7.6	0	0	0	0.02	2.58	0.044	0	0.01		yes
10/06/2020	24/06/2020	7.2	0	0	0	0.02	2.85	0.074	0	0.1		yes
14/07/2020	6/08/2020	7.4	0	0	0	0.054	4.58	0.052	0	0.02		yes
4/08/2020	25/08/2020	7.2	0	0	0	0.06	3.8	0.085	0	0.03		yes
1/09/2020	22/09/2020	7.5	0	0	0	0.02	3.58	0.082	0	0.02		yes
29/09/2020	21/10/2020	7.5	0	0	0	0.04	3.48	0.046	0	0.02		yes
27/10/2020	19/11/2020	7.2	0	0	0	0.53	3.3	0.13	0	0.02		yes
24/11/2020	9/12/2020	7.6	0	0	0	0.04	2.27	0.066	0	0.03		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	<0.5mg/L	
<b>Annual summary</b>												
minimum		7.2	0	0	9	0.018	1.856	0.044	0	0.01		
average		7.42	0.00	0.00	11.00	0.07	3.05	0.09	0.00	0.04		
maximum		7.8	0	0	13	0.53	4.58	0.24	0	0.1		0.457
50 percentile		7.4	0	0	11	0.04	3.3	0.074	0			
90 percentile		7.6	0.0	0.0	12.6	0.1	3.8	0.1	0.0			

## 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	0	0	0	yes
Jan-20	31	0	178	1263	yes
Feb-20	31	58	798	2207	no
Mar-20	31	192	666	1675	yes
Apr-20	30	194	384	758	yes
May-20	31	0	445	1412	yes
Jun-20	30	256	551	1433	yes
Jul-20	31	243	511	1518	yes
Aug-20	31	163	364	922	yes
Sep-20	30	0	225	508	yes
Oct-20	31	0	250	1130	yes
Nov-20	30	19	318	1027	yes

#### Non-compliance comments:

Significant rainfall event, Bulahdelah recorded 307mm of rain 07/02/20-10/02/20