

Mid-Coast Council

PO Box 482

Taree NSW 2430

Forster Wastewater Treatment Plant

Off Sweet Pea Road

Forster NSW 2428

Environmental Protection licence number: 2562

License Anniversary: 6 th August

Abbreviations-

TSS: Total Suspended Solids

BOD: Biochemical Oxygen Demand

FC: Faecal coliforms

**EPA Monitoring Point 3,
effluent quality monitoring**

Weekly FC Monitoring

Monitoring frequency: Weekly

	FC (CFU/100mL)
11/08/2020	1
18/08/2020	1
25/08/2020	1
1/09/2020	390
8/09/2020	1
15/09/2020	1
22/09/2020	4
29/09/2020	2
7/10/2020	1
13/10/2020	1
20/10/2020	1
27/10/2020	3
3/11/2020	1
10/11/2020	-5
17/11/2020	1
17/11/2020	1
24/11/2020	1
1/12/2020	1
8/12/2020	26
15/12/2020	1
23/12/2020	2
30/12/2020	1
5/01/2021	15
12/01/2021	1
19/01/2021	1
2/02/2021	2
9/02/2021	2
16/02/2021	1
23/02/2021	230
2/03/2021	2
9/03/2021	5
16/03/2021	2
24/03/2021	~30000
30/03/2021	60
7/04/2021	23000
13/04/2021	16
21/04/2021	6
27/04/2021	130
4/05/2021	2
11/05/2021	92
18/05/2021	1
25/05/2021	88
1/06/2021	8
8/06/2021	1
16/06/2021	1
22/06/2021	380
29/06/2021	280
6/07/2021	1
13/07/2021	16
21/07/2021	1
27/07/2021	18
3/08/2021	<1

Monthly Effluent Quality Monitoring Results

Monitoring frequency: monthly

Date sampled	Date obtained	BOD (mg/L)	TSS (mg/L)	Oil & Grease (mg/L)	Compliance
18/08/2020	26/08/2020	6	2	5	yes
15/09/2020	28/09/2020	2	2	5	yes
13/10/2020	9/11/2020	2	3	5	yes
10/11/2020	23/11/2020	2	2	5	yes
8/12/2020	23/12/2020	2	2	5	yes
23/12/2020	13/01/2021	2	2	5	yes
5/01/2021	22/01/2021	5	3	5	yes
2/02/2021	17/02/2021	2	2	5	yes
2/03/2021	16/03/2021	3	2	5	yes
7/04/2021	30/04/2021	4	2	5	yes
27/04/2021	5/05/2021	2	2	5	yes
25/05/2021	7/06/2021	2	2	5	yes
22/06/2021	1/07/2021	2	2	5	yes
21/07/2021	29/07/2021	2	2	5	yes

Concentration limits 100%ile 20 35 10

Annual summary

minimum	2	2	5
average	2.71	2.1	5.0
maximum	6	3	5

Quarterly and Bi-annual Effluent Quality Monitoring Results

Date sampled		13/10/2020	5/01/2021	7/04/2021	21/07/2021
Date obtained		9/11/2020	22/01/2021	30/04/2021	29/07/2021
Aluminium (ug/L)	Quarterly	<10	30	20	28
Ammonia (mg/L)	Quarterly	0.09	0.06	3.64	0.06
Arsenic (ug/L)	Quarterly	<20	<20	<20	<20
Cadmium (ug/L)	Quarterly	<5	<5	<5	<5
Chlordane (ug/L)	Bi-Annual	<0.01	n/a	<0.01	n/a
Chlorpyrifos (ug/L)	Bi-Annual	<0.025	n/a	<0.025	n/a
Chromium (ug/L)	Quarterly	<5	<5	<5	<5
Copper (ug/L)	Quarterly	6	8	5	<5
Cyanide (ug/L)	Quarterly	<5	<5	<5	<5
Diazinon (ug/L)	Bi-Annual	<0.025	n/a	<0.025	n/a
Heptachlor (ug/L)	Bi-Annual	<0.01	n/a	<0.01	n/a
Iron (ug/L)	Quarterly	23	38	63	73
Mercury (ug/L)	Quarterly	<0.01	n/a	<0.01	<0.01
Molybdenum (ug/L)	Quarterly	<5	<5	<5	<5
Nickel (ug/L)	Quarterly	<5	<5	<5	<5
Oxidised Nitrogen (mg/L)	Quarterly	0.874	2.53	4.7	1.55
Total Nitrogen (mg/L)	Quarterly	1.3	3.59	9.9	2.13
pH	Quarterly	7.6	7.4	7.5	7.4
Total Phosphorus (mg/L)	Quarterly	3.09	1.84	2.02	2.11
Selenium	Quarterly	<20	n/a	<20	n/a
Zinc (ug/L)	Quarterly	20	42	39	24