

Mid-Coast Council

PO Box 482
Taree NSW 2430
Stroud Sewage Treatment Plant
Off Simmsville Rd
Stroud NSW 2425

Abbreviations-
TSS: Total Suspended Solids
BOD: Biochemical Oxygen Demand

Environmental Protection licence number: 2561

Licence anniversary date

14th May

EPA Monitoring Point 2,

Effluent quality monitoring, immediately after booster pump

Effluent Quality Monitoring Results

Monitoring frequency: monthly

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Faecal Coliforms	Nitrogen ammonia (mg/L)	Nitrogen total (mg/L)	Phosphorus total (mg/L)	Oil & Grease (mg/L)	River discharge yes/no
8-Jun-21	18/06/2021	7.6	2	2	1	0.44	2.81	1.19	<5	yes
6-Jul-21	21/07/2021	7.4	2	2	2	0.32	2.2	0.94	<5	yes
3-Aug-21	16/08/2021	7.4	<2	<2	<1	0.43	2.04	1.03	<5	yes
31-Aug-21	10/09/2021	7.5	<2	<2	<1	0.58	1.95	1.17	<5	no
28-Sep-21	7/10/2021	7.4	<2	2	<1	1.02	2.03	1.06		yes
26-Oct-21	18/11/2021	7.3	3	4	1	1.87	2.73	1.03	<5	yes
23-Nov-21	8/12/2021	7.6	4	3	<1	0.9	2.1	0.89	<5	yes
14-Dec-21	4/01/2022	7.4	2	3	13	1.37	2.46	0.69		yes
5-Jan-22	20/01/2022	7.3	4	<2	<1	0.82	2.24	1.08	<5	yes
1-Feb-22	14/02/2022	7.2	9	<2	26	1.21	2.82	1.48	<5	yes
8-Mar-22	22/03/2022	7.5	7	3	3	0.35	3.78	0.91	<5	yes
5/04/2022	19/04/2022	7.4	3	<2	21	0.55	5.22	0.38	<5	yes
3/05/2022	16/05/2022	7.6	<2	<2	<1	0.94	3.82	0.96	<5	yes
Concentration limits	90 %ile		15mg/L	10mg/L	200 cfu/100ml				7mg/L	
	100%ile		20mg/L	15mg/L	600cfu /100ml	2mg/L	10mg/L	4.4mg/L	10mg/L	

Note: the concentration limits relate to when discharges are occurring to the Karuah River from EPA point 1. Discharges occur during wet weather events only

Annual summary								
minimum		2	2	1	0.32	1.95	0.38	0
average		4.00	2.71	10.67	0.83	2.78	0.99	#DIV/0!
maximum		9	4	26	1.87	5.22	1.48	0

Monthly Discharge Volume Monitoring Summary

Monitoring frequency: daily, Stroud discharges intermittently during wet weather

Discharge limit: 2000kl

	No of readings	Average (kL/day)	Max (kL/day)	Compliance
May-21	31	0	0	yes
Jun-21	30	222	1318	yes
Jul-21	31	165	1318	yes
Aug-21	31	0	0	yes
Sep-21	30	12	364	yes
Oct-21	31	87	1198	yes
Nov-21	30	390	1322	yes
Dec-21	31	359	1261	yes
Jan-22	31	51	792	yes
Feb-22	28	91	47	yes
Mar-22	31	765	1513	yes
Apr-22	30	234	1382	yes
May-22	31	0	0	yes

Non-compliance comments:

28/09/2021 & 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