

Mid-Coast Council

PO Box 482

Taree NSW 2430

Stroud Sewage Treatment Plant

Off Simmsville Rd

Stroud NSW 2425

Environmental Protection licence number: 2561

Licence anniversary date

14th May

Abbreviations-

TSS: Total Suspended Solids

BOD: Biochemical Oxygen Demand

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
6-Jun-23	20/06/2023	7.5	2	2	<2	1.09	9.87	1.76	<5	no
4-Jul-23	27/07/2023	7.6	<2	<2	<1	0.47	10.2	1.78	<5	no
1-Aug-23	9/08/2023	7.6	<2	<2	<1	0.06	9.2	1.69	<3	no
5-Sep-23	4/10/2023	8	2	3	<1	0.58	7.91	1.82	<3	no
4-Oct-23	24/10/2023	8.2	<2	3	<1	0.08	6.38	1.99	<3	no
7-Nov-23	23/11/2023	8.3	4	3	<1	0.15	5.78	1.89	<3	no
5-Dec-23	12/12/2023	9.4	8	<2	<1	0.6	3.97	1.12	<3	no
9-Jan-24	25/01/2024	9	7	3	13	0.19	3.38	1.43	<3	no
6-Feb-24	16/02/2024	9.5	11	3	<1	0.16	3.83	1.33	<3	no
5-Mar-24	25/03/2024	8.2	4	5	73	0.42	4.28	1.87	<3	no
9-Apr-24	22/04/2024	7.6	<2	<2	1	0.39	3.89	1.45	<3	no
7-May-24	16/05/2024	7.4	8	<2	15	0.55	5.5	1.26	<10	yes
Concentration limits	90 %ile 100%ile		15mg/L 20mg/L	10mg/L 15mg/L	200 cfu/100ml 600cfu /100ml	2mg/L	10mg/L	4.4mg/L	7mg/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	0.06	3.38	1.12	0
average	5.75	3.14	25.50	0.40	6.18	1.62	#DIV/0!
maximum	11	5	73	1.09	10.2	1.99	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
Jun-23	30	0	0	yes
Jul-23	31	0	0	yes
Aug-23	31	0	0	yes
Sep-23	30	0	0	yes
Oct-23	31	0	0	yes
Nov-23	30	0	0	yes
Dec-23	31	0	0	yes
Jan-24	31	0	0	yes
Feb-24	28	0	0	yes
Mar-24	31	0	0	yes
Apr-24	30	0	0	yes
May-24	31			

Non-compliance comments: