

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: 13042
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
4-Jun-24	18/06/2024	7.5	2	<2	120	0.32	4.42	1.03	<10	yes
2-Jul-24	12/07/2024	7.6	<2	<2	<2	0.56	4.47	1.02	<5	yes
6-Aug-24	27/08/2024	7.8	<2	<2	6	0.09	5.65	0.87	<5	no
3-Sep-24	13/09/2024	8.2	<2	<2	9	0.09	5.34	1.01	<5	yes
1-Oct-24	23/10/2024	8.5	<2	<2	<1	0.35	4.59	1.14	<5	yes
5-Nov-24	22/11/2024	8.6	<2	<2	<1	0.32	2.87	1.13	<5	No
3-Dec-24	19/12/2024	8.9	3	2	57	0.25	2.52	1.19	<5	No
7-Jan-25	17/01/2025	9.3	5	3	<1	0.86	2.58	0.97	<5	yes
4-Feb-25	19/02/2025	8.5	8	4	3	0.56	3.08	0.8	<5	yes
4-Mar-25	14/03/2025	8.6	4	3	4	1.48	2.74	1.02	<5	yes
1-Apr-25	22/04/2025	8	6	<2	1	0.3	3.5	0.82	<5	yes
6-May-25	22/05/2025	7.7	2	<2	1	0.24	3.78	0.72	<5	
Concentration limits	90 %ile 100%ile	6.5-8.5	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	7.5	2	2	1	0.09	2.52	0.72	0	
average	8.2666667	4.29	3.00	25.13	0.45	3.80	0.98	#DIV/0!	
maximum	9.3	8	4	120	1.48	5.65	1.19	0	
	90%	8.87	6.800	3.700	75.9	0.83	5.265	1.139	#NUM!

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-24	30	259	1575	yes
Jul-24	31	186	1589	yes
Aug-24	31	0	0	yes
Sep-24	30	68	859	yes
Oct-24	31	106	1543	yes
Nov-24	30	0	0	yes
Dec-24	31	0	0	yes
Jan-25	31	309	1594	yes
Feb-25	28	0	0	yes
Mar-25	31	280	1433	yes
Apr-25	30	560	1556	yes
May-25	31	841	1546	yes

Non-compliance comments:

No environmental discharge during Nov ,Dec
Jan- Discharges occurred later in the month - onsite pH testing was compliant during discharges
March- Discharges occurred intermittently during the month with wet weather. pH monitored onsite at time of discharge. Discharges ceased when onsite monitoring results were above 8.5