

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
10-Jun-20	20/07/2020	7.5	1	1	1	1.1	2.64	0.56	5	yes
7-Jul-20	20/07/2020	8.4	7	6	1	1.31	3.73	0.32	5	yes
4-Aug-20	26/08/2020	7.4	2	2	1	2.71	6.32	0.55	5	no
1-Sep-20	9/09/2020	7.6	2	2	1	2.62	5.52	1.07	5	no
29-Sep-20	12/10/2020	7.8	2	2	1	2.57	5.82	1.36	5	no
27-Oct-20	5/11/2020	7.7	3	2	8	2.52	5.35	2.14	5	yes
24-Nov-20	9/12/2020	7.8	2	2	1	0.61	3.23	1.45	5	no
15-Dec-20	3/02/2021	7.5	5	2	1	0.44	3.57	2.18	5	yes
19-Jan-21	29/01/2021	7.5	5	3	1	0.55	1.8	0.79	5	yes
16-Feb-21	3/03/2021	7.2	3	1	32	1.41	2.39	0.75	5	yes
25-Mar-21	6/04/2021	7.3	6	1	3800	1.1	3.63	0.39	<5	yes
13/04/2021	20/04/2021	7.6	7	<2	<1	<0.01	1.41	0.74	<5	yes
11/05/2021	26/05/2021	7.4	<2	<2	<1	0.45	1.37	0.87	<10	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	1	1	1	0.44	1.37	0.32	5
average	3.75	2.18	349.82	1.45	3.60	1.01	5.00
maximum	7	6	3800	2.71	6.32	2.18	5

Non-compliance comments:

Oct- operator results were below concentration limit. Difference between lab and operator results