

SEWER TREATMENT PLANTS - Environmental Compliance

01 April 2024 -31 March 2025

Gulgong Wastewater Treatment Plant
107 Spring Creek Road, Gulgong NSW 2852

Environment Protection Licence: 5808 <http://www.epa.nsw.gov.au/prpoeoapp/>

Monitoring Point 2		pH	EC	TDS (calculated)	TSS	Chlorine total residual	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report Generated	Comments
Pollutant														
Limits			µs/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/m3	mg/L	mg/L	CFU/100mL		
Units														
Date sampled	Date results received													
17/04/2024	24/04/2024	8.3	1060	710	7	<0.2	2.9	3.70	<1	<2	3	56	26/04/2024	
15/05/2024	22/05/2024	8.6	1030	690	4	<0.2	2.5	2.58	2	<2	8	70	23/05/2024	
12/06/2024	19/06/2024	8.4	1020	683	3	<0.2	1.9	2.28	<1	<2	20	5	16/06/2024	
10/07/2024	16/07/2024	8.9	983	659	2	<0.2	1.7	2.00	2	<2	2	8	17/07/2024	
7/08/2024	15/08/2024	9.5	952	638	4	<0.2	1.2	1.90	14	2	<2	6	15/08/2024	
11/09/2024	19/09/2024	9.5	939	629	<1	<0.2	1.0	1.94	1	<2	4	56	20/09/2024	
9/10/2024	16/10/2024	9.9	948	635	3	<0.2	0.9	1.09	<1	<2	9	52	24/10/2024	
7/11/2024	14/11/2024	9.7	928	622	4	<0.2	1.1	1.30	1	<2	7	13	15/11/2024	
11/12/2024	18/12/2024	9.5	941	630	10	<0.2	1.4	2.09	13	<2	3	160	19/12/2024	
8/01/2025	15/01/2025	9.2	982	658	17	<0.2	1.6	2.32	20	<2	3	210	16/01/2025	
5/02/2025	12/02/2025	9.4	984	659	15	<0.2	1.6	2.27	8	<2	3	10	13/02/2025	
13/03/2025	20/03/2025	9.0	1050	704	19	<0.2	1.7	2.91	10	<2	6	45	21/03/2025	
No of samples taken		12	12	12	12	12	12	12	9	12	12	12		
Samples/year required by EPA		12			12	12	12	12		12	12	12		
Minimum		8.3	928	622	1.0	0.1	0.9	1.09	1	1.0	1.0	5		
Average		9.2	985	660	7.4	0.1	1.6	2.20	8	1.1	5.8	58		
Maximum		9.9	1060	710	19	0.1	2.9	3.70	20	2	20	210		

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Monitoring Point 5		pH	EC	TDS (calculated)	TSS	Chlorine total	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report Generated	Comments
Pollutant		6.5-9.5			30	1	15	5		10	10	600		
Limits			µs/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/m3	mg/L	mg/L	CFU/100mL		
Units														
Date sampled	Date results received													
17/04/2024	24/04/2024	Not discharging											26/04/2024	No sample - no flow
15/05/2024	22/05/2024	Not discharging											23/05/2024	No sample - no flow
12/06/2024	19/06/2024	Not discharging											19/06/2024	No sample - no flow
10/07/2024	16/07/2024	Not discharging											17/07/2024	No sample - no flow
7/08/2024	15/08/2024	Not discharging											15/08/2024	No sample - no flow
11/09/2024	19/09/2024	Not discharging											20/09/2024	No sample - no flow
9/10/2024	16/10/2024	Not discharging											24/10/2024	No sample - no flow
7/11/2024	14/11/2024	Not discharging											15/11/2024	No sample - no flow
11/12/2024	18/12/2024	Not discharging											19/12/2024	No sample - no flow
8/01/2025	15/01/2025	Not discharging											16/01/2025	No sample - no flow
5/02/2025	12/02/2025	Not discharging											13/02/2025	No sample - no flow
13/03/2025	13/03/2025	Not discharging											21/03/2025	No sample - no flow
No of samples taken		0	0	0	12	12	0	0	0	12	12	12		
Samples/year required by EPA		12			12	12	12	12		12	12	12		
Minimum		0.0	0	0	#NUM!	#NUM!	0.0	0.00	0	#NUM!	#NUM!	#NUM!		
Average		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
Maximum		0	0	0	0	0.0	0.0	0.00	0	0	0	0		
Samples within limits (%)		#DIV/0!			0	0	#DIV/0!	#DIV/0!		0	0	0		

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Report generated: 18/09/2024										
Monitoring Point 4	Site no and depth	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Salinity	pH (CaCl2)	Total Nitrogen	Total Phosphorus	Sodium Adsorption	
Pollutant		mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg	mg/Kg		
Units										
Date sampled	Date results received									
6/09/2024	17/09/2024	Site 1 0-20cm	720	48	46	81	6.9	850	224	0.45
6/09/2024	17/09/2024	Site 1 20-40cm	360	96	46	54	7	190	191	0.78
6/09/2024	17/09/2024	Site 2 0-20 cm	860	384	69	33	6	810	248	0.51
6/09/2024	17/09/2024	Site 2 20-40 cm	920	684	391	27	6.2	400	168	0.87
No of samples taken			4	4	0	4	4	4	4	4
EPA required frequency (samples per year)			Annual (1)	Annual (1)	Annual (1)	Annual (1)	Annual (1)	Annual (1)	Annual (1)	Annual (1)

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Monitoring Point 1	Min	Max	Average	No of reading taken	Number of reading required	Comments					
Frequency: daily											
Limits											
Units	KL	KL	KL								
Month	Report Generated										
April	1/05/2024	291	850	353	30	30					
May	3/06/2024	316	697	368	31	31					
June	1/07/2024	298	726	392	30	30					
July	5/08/2024	328	999	418	31	31					
August	2/09/2024	312	674	393	31	31					
September	3/10/2024	291	484	334	30	30					
October	5/11/2024	248	595	340	31	31					
November	5/12/2024	239	672	320	30	30					
December	2/01/2025	175	4027	563	31	31					
January	4/02/2024	192	755	300	31	31					
February	4/03/2025	226	1085	311	28	28					
March	1/04/2025	210	1648	317	31	31					