

SEWER TREATMENT PLANTS - Environmental Compliance

01 April 2021 -31 March 2022

Gulgong Wastewater Treatment Plant
 107 Spring Creek Road, Gulgong NSW 2852
 Environment Protection Licence: 5808

<http://www.epa.nsw.gov.au/prpoeoapp/>

Monitoring Point 3 Pollutant		pH	EC	TDS (calculated)	TSS	Chlorine total residual	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report Generated	Comments
Limits		6.5-9.5			50	1	40	10		10	20	1000		
Units			µs/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/m3	mg/L	mg/L	CFU/100mL		
Date sampled	Date results received													
13/04/2021	21/04/2021	8.1	1030	690	6	<0.2	1.9	3.68	6	<2	3	65	22/04/2021	
26/05/2021	2/06/2021	8.0	1030	690	4	<0.2	2.7	3.98	2	<2	3	20	3/06/2021	
29/06/2021	6/07/2021	8.1	986	661	2	<0.2	2.3	3.68	1	<2	<2	1	7/07/2021	
20/07/2021	28/07/2021	8.4	972	651	2	<0.2	2.0	3.29	2	<2	<2	<1	29/07/2021	
23/08/2021	30/08/2021	8.9	962	645	6	<0.2	1.5	3.09	10	<2	<2	1	30/08/2021	
15/09/2021	23/09/2021	9.5	935	626	16	<0.2	1.1	2.81	4	<2	<2	3	23/09/2021	
13/10/2021	20/10/2021	10.0	904	606	2	<0.2	0.8	1.17	<1	<2	<2	19	21/10/2021	Algae present in pond
15/11/2021	22/11/2021	10.2	890	596	2	<0.2	0.8	0.62	2	<2	<2	2	23/11/2021	Algae present in pond
14/12/2021	21/12/2021	9.9	845	566	2	<0.2	0.7	0.90	1	<2	4	9	22/12/2021	Algae present in pond
No of samples taken		9	9	9	9	9	9	9	8	9	9	8		
Samples/year required by EPA		12			12	12	12	12		12	12	12		
Minimum		8.0	845	566	2.0	0.1	0.7	0.62	1	1.0	1.0	1		
Average		9.0	950	637	4.7	0.1	1.5	2.58	4	1.0	1.8	15		
Maximum		10.2	1030	690	16	0.1	2.7	3.98	10	1	4	65		
Samples within limits (%)		67			100	100	100	100		100	100	100		

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Monitoring Point 1		Min	Max	Average	Month within Limits (%)	No of reading taken	Number of reading required	Comments
Frequency: daily								
Limits								
Units	Report Generated	KL	KL	KL	KL			
Month								
April	14/05/2021	312	358	332	100		30	
May	1/06/2021	333	506	362	100		31	
June	6/07/2021	349	1103	444	100		30	
July	3/08/2021	345	685	402	100		31	
August	2/09/2021	312	438	350	100		31	
September	6/10/2021	308	517	340	100		30	
October	3/11/2021	246	503	330	100		31	
November	1/12/2021	293	1706	502	100		30	
December	6/01/2022	263	2345	629	0		31	
January					0		31	
February					0		28	
March					0		31	