

SEWER TREATMENT PLANTS - Environmental Compliance													01 April 2017 -31 March 2018	
Gulgong Wastewater Treatment Plant 107 Spring Creek Road, Gulgong NSW 2852 Environment Protection Licence: 5808 http://www.epa.nsw.gov.au/prpoeoapp/													Report generated	
Monitoring Point 3		pH	EC	TDS (calculated)	TSS	Chlorine total residual	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Comments	
Pollutant		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													
24/05/2017	31/05/2017	8.7	1110	744	8		2.9	2.64	1	<2	<2	870		
21/08/2017	29/08/2017	10.3	1050	704	6	<0.2	0.9	0.54	1	<2	8	300		
6/09/2017	13/09/2017	10.6	1080	724	3	<0.2	0.6	0.32	<1	<2	<2	10		
25/10/2017	1/11/2017	10.7	1100	737	4	<0.2	1.0	0.41	<1	<2	<2	<10		
7/11/2017	14/11/2017	10.7	1080	724	2	<0.2	0.8	0.30	<1	<2	<2	<10		
12/12/2018	20/12/2018	10.4	1080	722	4	<0.2	1.0	0.30	7	<2	<2	4		
10/01/2018	17/01/2018	10.0	1100	737	2	<0.2	1.6	0.66	7	<2	3	10		
7/02/2018	14/02/2017	9.7	1180	791	6	<0.2	2.0	1.25	13	<2	4	4		
14/03/2018	21/03/2018	9.5	1220	817	27	<0.2	5.9	2.21	130	<2	15	10		
No of samples taken		9	9	9	9	8	9	9	6	9	9	9		
Minimum		8.7	1050	704	2.0	0.1	0.6	0.30	1	1.0	1.0	4		
Average		10.1	1111	744	6.9	0.1	1.9	0.96	27	1.0	3.9	135		
Maximum		10.7	1220	817	27	0.1	5.9	2.64	130	1	15	870		
Samples within limits (%)		22			100	100	100	100		100	100	100		

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Monitoring Point 4		Site no and depth	Exchang. Calcium	Exchang. Magnesium	Exchang. Sodium	Salinity	pH (CaCl2)	Total Nitrogen	Total Phosphorus	Sodium Adsorption Ratio		
Pollutant			mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg	mg/Kg			
Units												
Date sampled	Date results received											
18/07/2017	7/08/2017	Site 1-0-20cm	780	237	<1	73	5.1	1690	307	0.79		
18/07/2017	7/08/2017	Site 1-20-40cm	1020	1380	414	157	5.3	300	3140	1.56		
18/07/2017	7/08/2017	Site 1-40-70cm	1240	2050	817	723	6.6	510	4530	14.4		
18/07/2017	7/08/2017	Site 1-70-100cm	1250	2100	886	852	6.9	580	4650	15.4		

18/07/2017	7/08/2017	Site 2-0-20cm	1220	402	100	109	5.9	1660	2090	2.98
18/07/2017	7/08/2017	Site 2-20-40cm	1630	1190	562	251	6.6	440	3790	3.31
18/07/2017	7/08/2017	Site 2-40-70cm	1950	1780	816	401	7.0	510	4840	3.89
18/07/2017	7/08/2017	Site 2-70-100cm	1710	2120	852	499	7.4	360	4940	5.93
18/07/2017	7/08/2017	Site 3-0-20cm	1010	285	112	199	6.5	1440	1710	3.94
18/07/2017	7/08/2017	Site 3-20-40cm	568	631	383	205	6.9	230	1740	3.82
18/07/2017	7/08/2017	Site 3-40-70cm	1030	2140	1090	536	6.8	420	4540	9.34
18/07/2017	7/08/2017	Site 3-70-100cm	946	2740	1250	833	7.2	2390	5260	15.9
18/07/2017	7/08/2017	Site 4-0-20cm	1540	967	331	233	6.0	330	3320	5.02
18/07/2017	7/08/2017	Site 4-20-40cm	1700	1350	447	321	6.6	640	3970	7.59
18/07/2017	7/08/2017	Site 4-40-70cm	3900	3330	1030	1330	7.8	410	8630	13.1
18/07/2017	7/08/2017	Site 4-70-100cm	4480	3560	1340	1720	8.0	300	9700	17.8
No of samples taken			16	16	15	16	16	16	16	16
Samples/year required by EPA			1	1	1	1	1	1	1	1

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Monitoring Point 1 Frequency: daily	Min	Max	Average	Samples within Limits	No of reading	Number of reading	Comments
Limits							
Units	KL	KL	KL	KL			
Month							
April	293	398		100	30	30	
May	290	375		100	31	31	
June	316	409		100	30	30	
July	185	371		100	31	31	
August	306	448		100	31	31	
September	280	375		100	30	30	
October	305	620		100	31	31	
November	276	480		100	30	30	
December	262	1254		100	31	31	
January	249	324		100	31	31	
February	253	1193		100	28	28	
March	266	397		100	31	31	