

SEWER TREATMENT PLANTS - Environmental Compliance													01 April 2017 -31 March 2018	
Rylstone Sewage treatment Works Crawell Street, Rylstone 2849 NSW													Report generated	
Environment Protection Licence: 1958													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	Comments	
Limits		6.5-8.5			50	0.5	35	10		10	30			
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													
11/04/2017	19/04/2017	8.9	960	643	35	<0.2	16.7	2.59	17	6	17	32	pH exceeded due to algal growth	
30/05/2017	9/06/2017	7.6	960	643	30	<0.2	36.2	4.84	6	<2	12	5700	Cold weather affecting nitrates	
6/06/2017	13/06/2017	7.8	1020	683	17	<0.2	21.1	3.10	10	<2	8	4700		
11/07/2017	24/07/2017	8.5	991	664	33	<0.2	24.7	2.80	25	4	18	47000		
8/08/2017	15/08/2017	7.8	990	663	22	0	31.5	3.98	20	3	15	220		
7/09/2017	13/09/2017	7.9	984	659	29	<0.2	34.9	3.85	89	<2	21	2800		
9/10/2017	17/10/2017	8.1	1000	670	80	0.7	35.1	5.10	242	<2	22	10000		
29/11/2017	6/12/2017	7.6	919	616	28	1	23.0	3.12	44	<2	17	50000		
5/12/2017	13/12/2017	7.8	932	624	40	<0.2	33.9	4.45	0.002	4	20	1000		
9/01/2018	16/01/2018	7.4	1030	690	33	<0.2	36.7	4.96	3	2	26	23000		
7/02/2018	19/02/2018	7.9	1070	717	37	<0.2	31.5	4.86	3	<2	41	3000	BOD exceeded due to a build up of settled solids. The tanks have now been flushed	
7/03/2018	14/03/2018	7.4	856	574	24	<0.2	33.1	2.95	2	2	13	300		
No of samples taken		12	12	12	12	11	12	12	12	12	12	12		
Samples/year required by EPA		12			12	12	12	12		12	12	12		
Minimum		7.4	856	574	17.0	0.1	16.7	2.59	0	1.0	8.0	32.0		
Average		7.9	976	654	34.0	0.2	29.9	3.88	38	2.3	19.2	12312.7		
Maximum		8.9	1070	717	80	1.0	36.7	5.10	242	6.0	41	50000		
Samples within limits (%)		92			92	82	75	100		100	92			

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Monitoring Point 4 Pollutant		pH	EC	TDS (calculated)	TSS	Chlorine total	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Comments	
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													
11/04/2017	19/04/2017					<0.2								
30/05/2017	9/06/2017					<0.2								
6/06/2017	13/06/2017					<0.2								
11/07/2017	24/07/2017					<0.2								
8/08/2017	15/08/2017					<0.2								

7/09/2017	13/09/2017	7.9	502	336	9	<0.2	0.9	0.02	7	<2	<2	22	
9/10/2017	17/10/2017					<0.2							
29/11/2017	6/12/2017					<0.2							
5/12/2017	13/12/2017					<0.2							
9/01/2018	16/01/2018					<0.2							
7/02/2018	19/02/2018					<0.2							
7/03/2018	14/03/2018					<0.2							
No of samples taken		1	1	1	1	12	1	1	1	1	1	1	
Samples/year required by EPA		1			1	12	1	1		1	1	1	
Minimum						0.1							
Average						0.1							
Maximum						0.1							

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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	Comments	
Pollutant			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													
7/09/2017	13/09/2017	7.5	481	322	4	<0.2	0.5	<0.01	2	<2	<2	<10		
No of samples taken		1	1	1	1	1	1	0	1	1	1	1		
Samples/year required by EPA		1			1		1	1		1	1	1		

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Monitoring Point 1	Total	Samples within Limits (%)	No of reading taken	Number of reading required	Comments		
Frequency: daily	100 ML/Year (100000 KL/Year)						
Limits	KL	KL					
Units							
Month							
April	4332	100	30	30			
May	4333	100	31	31			
June	4843	100	30	30			
July	4891	100	31	31			
August	4379	100	31	31			
September	3822	100	30	30			
October	3265	100	31	31			
November	3251	100	30	30			
December	3531	100	31	31			

January	3076	100	31	31	
February	3268	100	28	28	
March	3329	100	31	31	
Yearly TOTAL	46320	100	365	365	