

SEWER TREATMENT PLANTS - Environmental Compliance

01 April 2023 -31 March 2024

Rylstone Sewage treatment Works

Crawell Street, Rylstone 2849 NSW

Environment Protection Licence: 1958

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

Monitoring Point 3		pH	EC	TDS (calculated)	TSS	Chlorine total residual	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report Generated	Comments
Pollutant		6.5-8.5			50	0.5	35	10		10	30			
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													
12/04/2023	19/04/2023	7.9	713	478	16	<0.2	4.2	4.23	49	<2	2	3800	21/04/2023	Sample taken from tap on outflow pipe as sampling point destroyed during flood
10/05/2023	19/05/2023	7.7	696	466	14	<0.2	5.4	3.30	38	<1	10	830	23/05/2023	Sample taken from tap on outflow pipe as sampling point destroyed during flood
15/06/2023	22/06/2023	7.4	789	529	3	<0.2	9.1	4.48	4	<2	7	340	22/06/2023	Sample taken from tap on outflow pipe as sampling point destroyed during flood
12/07/2023	20/07/2023	7.6	827	554	2	<0.2	18.3	4.55	3	<2	<2	680	21/07/2023	Sample taken from tap on outflow pipe as sampling point destroyed during flood
10/08/2023	18/08/2023	7.8	886	594	6	<0.2	21.6	5.00	16	<2	29	520	18/08/2023	
12/09/2023	22/09/2023	7.4	953	639	3	<0.2	23.1	5.82	3	4	4	350	26/09/2023	
10/10/2023	16/10/2023	8.1	919	616	4	<0.2	21.9	6.34	23	<2	8	280	18/10/2023	
7/11/2023	14/11/2023	7.7	853	572	11	<0.2	9.7	6.06	64	<2	2	370	15/11/2023	
12/12/2023	20/12/2023	8.0	829	572	17	<0.2	7.6	8.35	42	<2	5	200	20/12/2023	
16/01/2024	23/01/2024	7.9	666	460	21	<0.2	5.6	4.90	74	<2	6	160	24/01/2024	
13/02/2024	21/02/2024	7.6	676	466	28	<0.2	6.5	5.46	102	<2	14	550	23/02/2024	
12/03/2024	20/03/2024	7.8	741	511	21	<0.2	4.7	5.23	24	<2	6	120	20/03/2024	
No of samples taken		12	12	12	12	12	12	12	12	12	12	12		
Samples/year required by EPA		Monthly (12)			Monthly (12)	Monthly (12)	Monthly (12)	Monthly (12)		Monthly (12)	Monthly (12)	Monthly (12)		
Minimum		7.4	666	460	2.0	0.1	4.2	3.30	3	1.0	1.0	120		
Average		7.7	796	538	12.2	0.1	11.5	5.31	37	1.3	7.8	683		
Maximum		8.1	953	638.51	28	0.1	23.1	8.35	102	4.0	29	3800		
Samples within limits (%)		100			100	100	100	100		100	100			

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Monitoring Point 4		pH	EC	TDS (calculated)	TSS	Chlorine total	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report Generated	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														
12/04/2023	19/04/2023												21/04/2023		
10/05/2023	19/05/2023												23/05/2023		
15/06/2023	22/06/2023												22/06/2023		
12/07/2023	20/07/2023												21/07/2023		
10/08/2023	17/08/2023												18/08/2023		
12/09/2023	22/09/2023	7.5	358	240	6	<0.2	0.6	0.05	2	<2	<2	21	26/09/2023		
10/10/2023	16/10/2023												18/10/2023		
7/11/2023	14/11/2023												15/11/2023		
12/12/2023	20/12/2023												20/12/2023		
16/01/2024	23/01/2024												24/01/2024		
13/02/2024	21/02/2024												23/02/2024		
12/03/2024	20/03/2024												20/03/2024		
No of samples taken		1	1	1	1	12	1	1	1	1	1	1			
EPA required frequency (samples per year)		Annual (1)			Annual (1)	Monthly (12)	Annual (1)	Annual (1)		Annual (1)	Annual (1)	Annual (1)			
Minimum															
Average															
Maximum															

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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			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														
12/09/2023	22/09/2023	7.4	348	233	6	<0.2	0.8	0.10	2	<2	<2		26/09/2023		
No of samples taken		0	0	0	1	1	0	0	0	1	1	1			
EPA required frequency (samples per year)		Annual (1)			Annual (1)		Annual (1)	Annual (1)		Annual (1)	Annual (1)	Annual (1)			

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Monitoring Point 1		Total	Month within Limits (%)	No of reading taken	Number of reading required	Comments
Frequency: daily		100 ML/Year (100000 KL/Year)				
Units	Report Generated	KL	KL			
Month						
April	1/05/2023	2823	100	30	30	
May	1/06/2023	3030	100	31	31	
June	4/07/2023	2803	100	30	30	
July	2/08/2023	2822	100	31	31	
August	4/09/2023	2583	100	31	31	
September	4/10/2023	2509	100	30	30	
October	6/11/2023	2738	100	31	31	
November	6/12/2023	2551	100	30	30	
December	2/01/2024	2825	100	31	31	
January	6/02/2024	3588	100	31	31	
February	4/03/2024	2891	100	29	29	
March	9/04/2024	3321	100	31	31	
Yearly TOTAL		34484	100	366	366	