

SEWER TREATMENT PLANTS - Environmental Compliance

01 April 2024 -31 March 2025

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													
15/04/2024	22/04/2024	8.4	652	437	32	<0.2	7.8	4.91	117	<2	14	2900	23/04/2024	
14/05/2024	21/05/2024	7.7	791	530	11	<0.2	14.3	5.67	9	3	5	1000	22/05/2024	
11/06/2024	18/06/2024	7.7	771	517	11	<0.2	16.2	4.29	37	<2	17	1300	19/06/2024	
9/07/2024	16/07/2024	7.8	823	551	7	<0.2	23.2	5.68	6	<2	12	600	17/07/2024	
				0										
				0										
				0										
				0										
				0										
				0										
				0										
				0										
				0										
No of samples taken		4	4	12	4	4	4	4	4	4	4	4		
Samples/year required by EPA		Monthly (12)			Monthly (12)	Monthly (12)	Monthly (12)	Monthly (12)		Monthly (12)	Monthly (12)	Monthly (12)		
Minimum		7.7	652	0	7.0	0.1	7.8	4.29	6	1.0	5.0	600		
Average		7.9	759	170	15.3	0.1	15.4	5.14	42	1.5	12.0	1450		
Maximum		8.4	823	551.41	32	0.1	23.2	5.68	117	3.0	17	2900		
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														
15/04/2024	22/0/2024					<0.2								23/04/2024	
14/05/2024	21/05/2024					<0.2								22/05/2024	
11/06/2024	18/06/2024					<0.2								19/06/2024	
9/07/2024	16/07/2024					<0.2								17/07/2024	
No of samples taken		0	0	0	0	4	0	0	0	0	0	0			
EPA required frequency (samples per year)		Annual (1)			Annual (1)	Monthly (12)	Annual (1)	Annual (1)		Annual (1)	Annual (1)	Annual (1)			
Minimum						0.0									
Average						0.0									
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	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														
						0									
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)	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	Report Generated					
April	1/05/2024	3697	100	30	30	
May	3/06/2024	3065	100	31	31	
June	1/07/2024	2941	100	30	30	
July			0	31	31	
August			0	31	31	
September			0	30	30	
October			0	31	31	
November			0	30	30	
December			0	31	31	
January			0	31	31	
February			0	29	29	
March			0	31	31	
Yearly TOTAL		9703	100	366	366	