

SEWER TREATMENT PLANTS - Environmental Compliance

01 April 2024 -31 March 2025

Rylstone Sewage treatment Works

Carwell Street, Rylstone 2849 NSW

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	Report Generated	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													
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	
6/08/2024	13/08/2024	7.7	826	553	3	<0.2	27.5	5.98	2	2	6	100	14/08/2024	
10/09/2024	17/09/2024	7.7	842	564	4	<0.2	25.0	4.63	4	<2	7	1600	18/09/2024	
9/10/2024	16/10/2024	8.3	809	542	36	<0.2	19.2	4.45	42	<2	19	2300	24/10/2024	
6/11/2024	13/11/2024	7.9	732	490	52	<0.2	8.0	4.54	38	<2	22	3900	14/11/2024	Elevated TSS due to algae growth
10/12/2024	18/12/2024	8.5	736	508	23	<0.4	5.0	5.97	76	<2	11	300	18/12/2024	
7/01/2025	15/01/2025	7.9	760	524	19	<0.2	4.9	5.48	28	<2	9	1800	15/01/2025	
4/02/2025	12/02/2025	8.0	822	567	47	<0.2	6.6	7.00	149	<2	11	430	13/02/2025	
12/03/2025	19/03/2025	9.8	765	528	51	<0.2	4.7	4.47	109	<2	10	210	21/03/2025	Elevated TSS and pH due to algae growth
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		7.7	652	437	3.0	0.1	4.7	4.29	2	1.0	5.0	100		
Average		8.1	777	526	24.7	0.1	13.5	5.26	51	1.3	11.9	1370		
Maximum		9.8	842	567.18	52	0.1	27.5	7.00	149	3.0	22	3900		
Samples within limits (%)		92			83	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												23/04/2024		
14/05/2024	21/05/2024												22/05/2024		
11/06/2024	18/06/2024												19/06/2024		
9/07/2024	16/07/2024												17/07/2024		
6/08/2024	13/08/2024												14/08/2024		
10/09/2024	17/09/2024	7.5	524	351	5	<0.2	0.6	0.07	3	<2	<2	28	18/09/2024		
9/10/2024	16/10/2024												24/10/2024		
6/11/2024	13/11/2024												14/11/2024		
10/12/2024	18/12/2024												18/12/2024		
7/01/2025	15/01/2025												15/01/2025		
4/02/2025	12/02/20025												13/02/2025		
12/03/2025	19/03/2025												21/03/2025		
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														
10/08/2024	17/08/2024	7.2	510	342	7	<0.2	0.6	0.08	2	<2	3	120	18/09/2024		
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	Report Generated					
April	1/05/2024	3697	100	30	30	17 April daily flow gauge issue
May	3/06/2024	3065	100	31	31	
June	1/07/2024	2941	100	30	30	
July	5/08/2024	3279	100	31	31	
August	2/09/2024	3815	100	31	31	
September	3/10/2024	2910	100	30	30	
October	12/11/2024	2989	100	31	31	
November	5/12/2024	2744	100	30	30	
December	2/01/2025	3627	100	31	31	
January	5/02/2025	3124	100	31	31	
February	4/03/2025	2837	100	29	29	
March	1/04/2025	2845	100	31	31	
Yearly TOTAL		37873	100	366	366	