

SEWER TREATMENT PLANTS - Environmental Compliance													01 April 2019 -31 March 2020	
Kandos Sewage treatment Works Rylstone Road Kandos 2848 NSW													Report generated	
Environment Protection Licence: 1737													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	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													
9/04/2019	23/04/2019	9.7	1000	670	64	<0.2	11.1	1.57	241	<2	17	58	Algae growth due to hot/dry weather	
6/05/2019	14/05/2019	9.4	1090	730	76	0.2	16.5	2.27	51	3	19	56	Algae growth due to hot/dry weather	
18/06/2019	27/06/2019	8.6	1180	791	34	<0.2	22.0	3.03	21	3	19	8	Algae growth due to hot/dry weather	
8/07/2019	15/07/2019	8.0	1230	824	30	0.2	22.6	3.51	24	<2	9	14		
13/08/2019	26/08/2019	8.1	1300	871	14	<0.2	26.6	4.49	12	<2	5	14		
9/09/2019	19/09/2019	8.3	1240	831	23	<0.2	19.6	3.85	59	<2	13	84		
8/10/2019	16/10/2019	9.2	1170	784	28	<0.2	12.2	2.37	64	3	<2	28	Algae growth due to hot/dry weather	
5/11/2019	14/11/2019	9.1	1190	797	28	<0.2	10.6	3.91	22	<2	16	5600	Algae growth due to hot/dry weather	
10/12/2019	18/12/2019	9.7	1240	831	152	<0.2	14.4	4.45	268	4	14	70	Algae growth due to hot/dry weather	
6/01/2020	14/01/2020	8.7	1360	911	51	<0.2	11.1	3.63	106	<2	65	4600	Algae growth due to hot/dry weather	
12/02/2020	21/02/2020	8.2	1270	851	26	0.2	19.2	5.12	69	<2	29	7300		
9/03/2020	17/03/2020	8.7	1080	724	55	0.4	13.3	3.54	177	<2	26	780	Algae growth due to hot/dry weather	
No of samples taken		12	12	12	12	12	12	12	12	12	12	12		
Samples/year required by EPA		12			12	12	12	12		12	12	12		
Minimum		8.0	1000	670	14	0.1	10.6	1.57	12	1	1	8		
Average		8.8	1196	801	48	0.2	16.6	3.48	93	2	19	1551		
Maximum		9.7	1360	911	152	0.4	26.6	5.12	268	4	65	7300		
Samples within limits (%)		33			58	100	100	100		100	92			

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Monitoring Point 1		Min	Max	Average	Samples within Limits (%)	No of reading taken	Number of reading required	Comments
Frequency: daily		1800 KL/Day	1800 KL/Day	1800 KL/Day	1800 KL/Day			
Limits								
Units		KL	KL	KL	KL			
Month								
April		177	383	258	100	30	30	
May		284	542	393	100	31	31	
June		223	298	253	100	30	30	
July		220	375	253	100	31	31	

August	234	414	287	100	31	31	
September	85	359	297	100	19	30	Faulty flowmeter
October	13	282	104	100	31	31	
November	215	482	307	100	30	30	
December	191	525	290	100	31	31	
January	206	331	264	100	31	31	
February	215	1229	399	100	29	29	
March	307	1217	497	100	31	31	