

SEWER TREATMENT PLANTS - Environmental Compliance													01 April 2021 -31 March 2022	
Kandos Sewage treatment Works Rylstone Road Kandos NSW 2848 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	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													
13/04/2021	21/04/2021	8.4	1250	838	17	<0.2	12.3	2.47	28	<2	7	28	21/04/2021	
13/05/2021	20/05/2021	8.6	1250	838	10	<0.2	14.9	1.81	6	<2	2	64	20/05/2021	pH just above the licence limit. Algae still present
15/06/2021	22/06/2021	7.8	1260	844	2	<0.2	20.0	3.70	<1	<2	7	31	25/06/2021	
15/07/2021	21/07/2021	7.8	1506	1009	5	<0.2	20.2	2.65	4	<2	4	180	22/07/2021	
12/08/2021	19/08/2021	7.8	1800	1206	8	<0.2	19.2	2.34	4	<2	2	4	20/08/2021	
9/09/2021	16/09/2021	8.1	1760	1179	12	<0.2	16.1	2.38	3	<2	4	10	16/09/2021	
11/10/2021	18/10/2021	9.9	1670	1119	52	<0.4	14.4	1.45	76	<2	3	9	20/10/2021	pH and TSS elevated due to algae growth in the pond.
10/11/2021	17/11/2021	9.9	1520	1018	31	<0.2	9.2	0.94	39	<2	<2	50	22/11/2021	pH elevated due to algae growth in the pond
13/12/2021	20/12/2021	10.6	1410	945	30	<0.2	7.1	0.23	45	<2	3	<1	21/12/2021	pH elevated due to algae growth in the pond
No of samples taken		9	9	9	9	9	9	9	8	9	9	9		
Samples/year required by EPA		12			12	12	12	12		12	12	12		
Minimum		7.8	1250	838	2.0	0.1	7.1	0.23	3	1.0	1.0	4.0		
Average		8.8	1492	999	18.6	0.1	14.8	2.00	26	1.0	3.7	47.0		
Maximum		10.6	1800	1206	52	0.2	20.2	3.70	76	1	7	180		
Samples within limits (%)		56			89	100	100	100		100	100			

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Monitoring Point 1		Min	Max	Average	Month 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		1800 KL/Day	1800 KL/Day	1800 KL/Day	1800 KL/Day			
Units	Report Generated	KL	KL	KL	KL			
Month								
April	14/05/2021	261	317	284	100	30		
May	1/06/2021	200	339	274	100	31		
June	6/07/2021	264	861	420	100	30		
July	3/08/2021	381	1049	565	100	31		
August	2/09/2021	375	1271	470	100	31		
September	6/10/2021	331	738	408	100	30		
October	3/11/2021	262	584	345	100	31		
November	1/12/2021	276	1445	538	100	30		
December	6/01/2022	301	1290	453	100	31		
January					0	31		
February					0	28		
March					0	31		