

SEWER TREATMENT PLANTS - Environmental Compliance												01 October 2018 -30 September 2019	
Mudgee Wastewater Treatment Plant 33 Blain Road, Caerleon, NSW, 2850 Environment Protection Licence: 5230 <a href="http://www.epa.nsw.gov.au/prpoeoapp/">http://www.epa.nsw.gov.au/prpoeoapp/</a>												Report generated	
Monitoring Point 1 Pollutant		pH	EC	TDS (calculated)	TSS	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Comments	
Limit 90 percentile					10	10	0.5		2	10	200		
Limit 100 percentile		6.5-8.5			30	15	1		10	15	600		
Units			µs/cm	mg/L	mg/L	mg/L	mg/L	mg/m3	mg/L	mg/L	CFU/100mL		
Date sampled	Date results received												
9/10/2018	17/10/2018	7.5	985	660	3	2.1	0.21	1	<2	<2	6		
7/11/2018	15/11/2018	7.4	1040	695	5	2.8	0.13	4	<2	2	8		
5/12/2018	13/12/2018	7.4	1040	697	5	5.1	1.01	<1	3	133	48		
8/01/2019	18/01/2019	7.5	1080	724	6	3.6	0.42	7	<2	<2	640		
11/02/2019	19/02/2019	7.3	977	655	6	3.2	0.66	15	3<2	2	4800		
11/03/2019	20/03/2019	7.3	1010	677	4	2.2	0.38	2	<2	2	270		
2/04/2019	10/04/2019	7.1	996	668	6	3.6	0.03	2	<2	3	530		
14/05/2019	22/05/2019	7.5	979	656	10	2.8	1.3	<1	2	<2	110		
12/06/2019	20/06/2019	7.5	989	663	6	3.2	0.41	<1	<2	<2	30		
9/07/2019	16/07/2019	7.4	957	641	7	5.7	0.42	<1	<2	<2	260		
7/08/2019	16/08/2019	7.4	960	643	10	4.3	0.55	4	<2	<2	60		
3/09/2019	10/09/2019	7.4	687	661	21	4.5	1.52	2	<2	<2	4000		
No of samples taken		12	12	12	12	12	12	12	12	12	12		
Samples/year required by EPA		12			12	12	12		12	12	12		
Minimum		7.1	687	641	3.0	2.1	0.03	1	1.0	1.0	6		
Average		7.4	975	670	7.4	3.6	0.59	5	1.3	12.4	897		
Maximum		7.5	1080	724	21	5.7	1.52	15	3	133	4800		
Samples within 90 % limits (%)					92	100	58		83	92	50		
Samples within 100 % limits (%)		100			100	100	75		92	92	75		

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Monitoring Point 2	Min	Max	Average	Months within Limits (%)	No of reading taken	Number of	Comments		
Frequency: daily									
Limits	11500 KL/Day	11500 KL/Day	11500 KL/Day	11500 KL/Day					
Units	KL	KL	KL	KL					

Month						
October	1791	3917	2763	100	31	31
November	2141	4572	2793	100	30	30
December	1785	5839	2818	100	31	31
January	749	4816	2604	100	31	31
February	862	4690	2684	100	28	28
March	2081	6174	3193	100	31	31
April	2081	3545	2818	100	30	30
May	1916	3668	2633	100	31	31
June	1947	3118	2659	100	30	30
July	1894	6262	2552	100	31	31
August	1795	3117	2538	100	31	31
September	1101	4201	2583	100	30	30

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Monitoring Point 3	Min	Max	No of days flowing	Months within Limits	No of reading	Number of	Comments	
Frequency: daily								
Limits	11500 KL/Day	11500 KL/Day		11500 KL/Day				
Units	KL	KL		KL				
Month								
October	0	0	0	100	31	31		
November	0	0	0	100	30	30		
December	0	124	2	100	31	31	Wet weather event	
January	0	0	0	100	31	31		
February	0	0	0	100	28	28		
March	0	0	0	100	31	31		
April	0	0	0	100	30	30		
May	0	0	0	100	31	31		
June	0	0	0	100	30	30		
July	0	0	0	100	31	31		
August	0	0	0	100	31	31		
September	0	0	0	100	30	30		