

SEWER TREATMENT PLANTS - Environmental Compliance												01 October 2017 -30 September 2018	
Mudgee Wastewater Treatment Plant 33 Blain Road, Caerleon, NSW, 2850 Environment Protection Licence: 5230 http://www.epa.nsw.gov.au/prpoeoapp/												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												
10/10/2017	17/10/2017	7.4	994	666	5	4	0.41	<1	<2	<2	30		
3/11/2017	14/11/2017	7.4	1030	690	4	4.2	0.60	<1	<2	<2	20		
6/12/2017	13/12/2017	7.4	1050	706	5	5.6	2.09	<1	<2	<2	210		
10/01/2018	17/01/2018	7.4	1060	710	4	5.6	3.18	1	<2	<2	100		
14/02/2018	26/02/2018	7.6	1090	730	10	5.6	1.49	62	<2	4	180		
7/03/2018	14/03/2018	7.5	924	619	8	4.7	0.62	8	<2	<2	260		
10/04/2018	18/04/2018	7.6	1050	704	4	4.6	0.80	2	<2	<2	45		
7/05/2018	15/05/2018	7.6	989	663	4	3.4	0.84	9	<2	<2	210		
12/06/2018	19/06/2018	7.3	952	638	5	3.8	0.39	16	<2	2	50		
10/07/2018	19/07/2018	7.3	1000	670	4	2.9	0.64	2	<2	<2	10		
14/08/2018	28/08/2018	7.6	993	665	4	3.4	0.20	2	<2	3	9		
19/09/2018	28/09/2018	7.5	994	666	3	2.1	0.11	2	<2	<2	36		
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		7.3	924	619	3.0	2.1	0.11	1	1.0	1.0	9		
Average		7.5	1011	677	5.0	4.2	0.95	12	1.0	1.5	97		
Maximum		7.6	1090	730	10	5.6	3.18	62	1	4	260		
Samples within 90 % limits (%)					100	100	33		100	100	75		
Samples within 100 % limits (%)		100			100	100	75		100	100	100		

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Monitoring Point 2	Min	Max	Average	Samples 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	1900	4500	2818	100	31	31	
November	1769	5533	2759	100	30	30	
December	2316	5494	2853	100	31	31	
January	1588	4005	2554	100	31	31	
February	1930	4776	2721	100	27	28	
March	1926	3773	2723	100	30	31	
April	1820	2983	2606	100	30	30	
May	2441	2152	2619	100	31	31	
June	2311	4827	2742	100	30	30	
July	1572	3023	2520	100	31	31	
August	1613	3710	2684	100	31	31	
September	1964	3676	2817	100	30	30	

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Monitoring Point 3	Min	Max	No of days flowing	Samples 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	0	0	100	31	31	
January	0	0	0	100	31	31	
February	0	0	0	100	27	28	
March	0	0	0	100	30	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	