

SEWER TREATMENT PLANTS - Environmental Compliance												01 October 2022 -30 September 2023	
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>	
Monitoring Point 1		pH	EC	TSS	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report generated	Comments	
Pollutant				10	10	0.5		2	10	200			
Limit 90 percentile		6.5-8.5		30	15	1		10	15	600			
Limit 100 percentile			µs/cm	mg/L	mg/L	mg/L	mg/m3	mg/L	mg/L	CFU/100mL			
Units													
Date sampled	Date results received												
18/10/2022	24/10/2022	7.6	1060	2	4.1	0.14	1	<2	<2	12	25/10/2022		
24/11/2022	2/12/2022	7.8	1090	2	4.5	0.26	2	<2	2	34	2/12/2022	Sampling delayed by one week due to flooding. Further sampling will stay on initial schedule.	
14/12/2022	22/12/2022	7.6	1070	2	4	0.14	2	<2	<2	<1	22/12/2022		
19/01/2023	30/01/2023	7.5	1080	2	3	0.23	<1	<2	2	93	6/02/2023		
16/02/2023	22/02/2023	7.6	1070	7	3	0.37	15	<2	<2	53	23/02/2023		
16/03/2023	28/03/2023	7.6	989	3	4.5	0.24	2	<2	<2	16	28/03/2023	ALS Laboratory informed MWRC that some sample bottles have been lost - unable to analyse for TN and BOD. TKN result of 4.2 mg/L available. ALS resampled on 28/03/2023. Resampled results for TN , Chlorophyll A and BOD updated	
13/04/2023	26/04/2023	7.6	950	4	4.1	0.46	11	<2	2	120	26/04/2023		
11/05/2023	17/05/2023	7.4	965	4	4.8	0.13	4	<1	3	170	18/05/2023		
14/06/2023	22/06/2023	7.6	1000	1	9.4	0.14	<1	2	<2	3	22/06/2023		
12/07/2023	19/07/2023	7.6	1010	4	9.0	0.34	7	<2	5	100	20/07/2023		
9/08/2023	18/08/2023	7.4	1070	10	10.5	0.39	33	<2	<2	16	18/08/2023	Nitrogen levels under investigation	
11/09/2023	18/09/2023	7.6	1020	3	3.7	0.2	2	<2	<2	6	19/09/2023		
No of samples taken		12	12	12	12	12	12	12	12	12			
EPA required frequency (samples per year)		Monthly (12)		Monthly (12)	Monthly (12)	Monthly (12)		Monthly (12)	Monthly (12)	Monthly (12)			
Minimum		7.4	950	1.0	3.0	0.13	1	1.0	1.0	1			
Average		7.6	1031	3.7	5.4	0.25	8	1.1	1.8	52			
Maximum		7.8	1090	10	10.5	0.46	33	2	5	170			
Samples within 90 % limits (%)				100	92	100		100	100	100			
Samples within 100 % limits (%)		100		100	100	100		100	100	100			

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Monitoring Point 2		Min	Max	Average	No of reading taken	Number of reading required	Comments
Frequency: daily							
Limits		11500 KL/Day	11500 KL/Day	11500 KL/Day			
Units		KL	KL	KL			
Month	Report generated						
October	1/11/2022	4555	11683	7893	31	31	Wet weather
November	2/12/2022	4334	11681	6024	30	30	Wet weather
December	5/01/2023	3299	4615	3972	31	31	
January	6/02/2023	2657	4680	3468	31	31	
February	2/03/2023	2208	3770	3241	28	28	
March	6/04/2023	2525	3933	3227	31	31	
April	1/05/2023	2689	4521	3311	30	30	
May	1/06/2023	2566	3642	3080	31	31	
June	3/07/2023	2653	5233	3134	30	30	
July	2/08/2023	2644	4786	3263	31	31	
August	4/09/2023	2264	4574	3131	31	31	
September	4/10/2023	2218	3528	3033	30	30	

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Monitoring Point 3		Min	Max	No of days flowing	No of reading	Number of reading required	Comments
Frequency: daily							
Limits							
Units		KL	KL				
Month	Report generated						
October	1/11/2022	0	16039	7	31	31	
November	2/12/2022	0	0	0	30	30	
December	5/01/2023	0	0	0	31	31	
January	6/02/2023	0	0	0	31	31	
February	2/03/2023	0	0	0	28	28	
March	6/04/2023	0	0	0	31	31	
April	1/05/2023	0	0	0	30	30	
May	1/06/2023	0	0	0	31	31	
June	3/07/2023	0	0	0	30	30	
July	2/08/2023	0	0	0	31	31	
August	4/09/2023	0	0	0	31	31	
September	4/10/2023	0	0	0	30	30	