

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 http://www.epa.nsw.gov.au/prpoeoapp/												
Monitoring Point 1 Pollutant		pH	EC	TSS	Total Nitrogen	Total Phosphorus	Chlorophyll a	Oil & Grease	BOD	Faecal Coliforms	Report generated	Comments
Limit 90 percentile				10	10	0.5		2	10	200		
Limit 100 percentile		6.5-8.5		30	15	1		10	15	600		
			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	Sampling delayed by one week due to flooding. Further sampling will stay on initial schedule.
24/11/2022	2/12/2022	7.8	1090	2	4.5	0.26	2	<2	2	34	2/12/2022	
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	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
16/03/2023	28/03/2023	7.6	989	3	4.5	0.24	2	<2	<2	16	28/03/2023	
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	
No of samples taken		8	8	8	8	8	7	8	8	8		
EPA required frequency (samples per year)		Monthly (12)		Monthly (12)	Monthly (12)	Monthly (12)		Monthly (12)	Monthly (12)	Monthly (12)		
Minimum		7.4	950	2.0	3.0	0.13	1	1.0	1.0	1		
Average		7.6	1034	3.3	4.0	0.25	5	1.0	1.6	62		
Maximum		7.8	1090	7	4.8	0.46	15	1	3	170		
Samples within 90 % limits (%)				100	100	100		100	100	100		
Samples within 100 % limits (%)		100		100	100	100		100	100	100		

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33 Blain Road, Caerleon, NSW, 2850							
Environment Protection Licence: 5230							
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							
June							
July							
August							
September							

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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						31	
June						30	
July						31	
August						31	
September						30	