

DUBBO SEWAGE TREATMENT PLANT POINT 1

2024/2025

Licensee: Dubbo Regional Council
EPL No: 3850

Monthly Result for October 2024 - No Macquarie River Discharge from Sampling Point 1 during October 2024							
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement	Monthly Summary		
					Average	Min.	Max.
1	Biochemical Oxygen Demand	0-30	mg/L				
	Chlorophyll a	N/A	mg/L				
	Conductivity	N/A	µS/cm				
	Faecal Coliforms	0-200	cfu/100mL				
	Nitrogen (total)	0-15	mg/L				
	Oil and Grease	0-10	mg/L				
	Phosphorus (total)	0-10	mg/L				
	Total Suspended Solids	0-30	mg/L				
	pH	6.5-8.5	pH				

Monthly Result for September 2024 - Macquarie River Discharge from Sampling Point 1 during September 2024											
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement					Monthly Summary		
				3/09/2024	5/09/2024	10/09/2024	13/09/2024	17/09/2024	Average	Min.	Max.
1	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	<2	3	<2	0	3	3
	Chlorophyll a	N/A	mg/L	18.8	21.8	12.6	14.5	5.3	14.6	5.3	21.8
	Conductivity	N/A	µS/cm	116.4	116.4	113	112.9	108.8	113.5	108.8	116.4
	Faecal Coliforms	0-200	cfu/100mL	12.0	28.0	19.0	12.0	23.0	18.8	12	28
	Nitrogen (total)	0-15	mg/L	3.5	4.71	3.59	3.67	3.57	3.808	3.5	4.71
	Oil and Grease	0-10	mg/L	<5	<5	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	3.34	3.42	2.92	3.62	3.04	3.268	2.92	3.62
	Total Suspended Solids	0-30	mg/L	6	6	3	4	2	4.2	2	6
	pH	6.5-8.5	pH	8.1	7.8	7.5	7.9	7.6	7.78	7.5	8.1

Monthly Result for August 2024 - Macquarie River Discharge from Sampling Point 1 during August 2024													
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement						Monthly Summary			
				1/08/2024	7/08/2024	8/08/2024	20/08/2024	22/08/2024	27/08/2024	28/08/2024	Average	Min.	Max.
1	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	<2	<2	3	<2	<2	0	3	3
	Chlorophyll a	N/A	mg/L	25	15.8	19.2	17.1	16	17.9	19.7	18.67142857	15.8	25
	Conductivity	N/A	µS/cm	120.8	124	121.7	118.2	119	116.2	116	119.4142857	116	124
	Faecal Coliforms	0-200	cfu/100mL	5.0	3.0	28.0	16.0	11.0	10	11.0	12	3	28
	Nitrogen (total)	0-15	mg/L	4.68	4.53	3.59	3.18	3.23	2.82	3.32	3.621428571	2.82	4.68
	Oil and Grease	0-10	mg/L	<10	<5	<5	<5	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	3.08	2.72	1.32	2.86	3.24	3.24	3.24	2.814285714	1.32	3.24
	Total Suspended Solids	0-30	mg/L	5	3	6	4	3	3	4	4	3	6
	pH	6.5-8.5	pH	8	7.8	7.8	8	8.2	8	8	7.971428571	7.8	8.2

Monthly Result for July 2024 - Macquarie River Discharge from Sampling Point 1 during July 2024															
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement									Monthly Summary		
				2/07/2024	4/07/2024	9/07/2024	11/07/2024	16/07/2024	18/07/2024	24/07/2024	25/07/2024	30/07/2024	Average	Min.	Max.
1	Biochemical Oxygen Demand	0-30	mg/L	3	3	2	3	3	3	<2	2	3	0	2	3
	Chlorophyll a	N/A	mg/L	47.8	39.1	38.3	40.1	36.8	32.1	34.3	29.6	20.6	37.2625	29.6	47.8
	Conductivity	N/A	µS/cm	114	114.4	113.6	115.3	118.5	117.5	121.1	123.1	120.8	117.1875	113.6	123.1
	Faecal Coliforms	0-200	cfu/100mL	39.0	15.0	29.0	32.0	49.0	~ 67	32.0	26.0	26.0	31.71428571	15	49
	Nitrogen (total)	0-15	mg/L	5.4	6.94	4.01	3.94	5.92	6.82	4.33	5.73	4.56	5.38625	3.94	6.94
	Oil and Grease	0-10	mg/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	4.36	4.76	3.61	4.04	4.34	4.16	3.88	3.93	3.84	4.135	3.61	4.76
	Total Suspended Solids	0-30	mg/L	8	5	7	6	5	4	8	4	5	5.875	4	8
	pH	6.5-8.5	pH	8.1	7.5	7.6	7.8	7.7	7.6	8.2	7.7	8	7.775	7.5	8.2