



Monthly Result for April 2022 - Macquarie River discharge from Sampling Point 1 during April 2022							
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement	Monthly Summary		
1				12/04/2022	Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	<2	0	0	0
	Chlorophyll a	N/A	mg/L	0.9	0.9	0.9	0.9
	Conductivity	N/A	µS/cm	1014	1014	1014	1014
	Faecal Coliforms	0-200	cfu/100mL	3700	3700	3700	3700
	Nitrogen (total)	0-15	mg/L	5.92	5.92	5.92	5.92
	Oil and Grease	0-10	mg/L	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	3.04	3.04	3.04	3.04
	Total Suspended Solids	0-30	mg/L	<2	0	0	0
	pH	6.5-8.5	pH	7.4	7.4	7.4	7.4

Monthly Result for March 2022 - Macquarie River discharge from Sampling Point 1 during March 2022											
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement					Monthly Summary		
1				1/03/2022	8/03/2022	15/03/2022	22/03/2022	29/03/2022	Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	<2	<2	<2	0	0	0
	Chlorophyll a	N/A	mg/L	11.2	14.2	6	7	1.2	7.92	1.2	14.2
	Conductivity	N/A	µS/cm	105.6	104	105.9	1041	980.2	467.34	104	1041
	Faecal Coliforms	0-200	cfu/100mL	~27	15	110	260	31	104	15	260
	Nitrogen (total)	0-15	mg/L	3.91	2.96	4.02	3.74	3.09	3.544	2.96	4.02
	Oil and Grease	0-10	mg/L	<5	<5	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	3.16	3.26	2.74	3.04	3.18	3.076	2.74	3.26
	Total Suspended Solids	0-30	mg/L	8	6	7	<2	8	7.25	6	8
	pH	6.5-8.5	pH	8	8.2	8.2	7.5	7.5	7.88	7.5	8.2

Monthly Result for February 2022 - Macquarie River discharge from Sampling Point 1 during February 2022

Sampling Point	Pollutant	Acceptable Range	Unit	Measurement				Monthly Summary		
				2/02/2022	8/02/2022	15/02/2022	21/02/2022	Average	Min.	Max.
1										
	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	<2	3	0	0	0
	Chlorophyll a	N/A	mg/L	4.6	18.7	16.6	14	13.475	4.6	18.7
	Conductivity	N/A	µS/cm	108.6	1103	1121	1108	860.15	108.6	1121
	Faecal Coliforms	0-200	cfu/100mL	~88	8	<1	~5400	8	8	8
	Nitrogen (total)	0-15	mg/L	6.68	4.49	4.24	4.34	4.9375	4.24	6.68
	Oil and Grease	0-10	mg/L	<5	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	3.2	3.08	3.48	3.8	3.39	3.08	3.8
	Total Suspended Solids	0-30	mg/L	4.6	18.7	16.6	8	11.975	4.6	18.7
	pH	6.5-8.5	pH	7.8	6.8	8.9	8.6	8.025	6.8	8.9

Monthly Result for January 2022 - Macquarie River discharge from Sampling Point 1 during January 2022

Sampling Point	Pollutant	Acceptable Range	Unit	Measurement		Monthly Summary		
				24/01/2022	31/01/2022	Average	Min.	Max.
1								
	Biochemical Oxygen Demand	0-30	mg/L	<2	27	27	27	27
	Chlorophyll a	N/A	mg/L	4.2		4.2	4.2	4.2
	Conductivity	N/A	µS/cm	1102	121.5	790.567	121.5	1102
	Faecal Coliforms	0-200	cfu/100mL	5	120	62.5	5	120
	Nitrogen (total)	0-15	mg/L	10.1	9.46	6.40333	9.46	10.1
	Oil and Grease	0-10	mg/L	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	2.36	2.07	2.215	2.07	2.36
	Total Suspended Solids	0-30	mg/L	3	68	8.33333	3	68
	pH	6.5-8.5	pH	7.5	9.8	8.23333	7.5	9.8

Monthly Result for December 2021 - Macquarie River discharge from Sampling Point 1 during December 2021

Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
				6/12/2021	8/12/2021	14/12/2021	Average	Min.	Max.
1				6/12/2021	8/12/2021	14/12/2021	Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	7	7	7	7
	Chlorophyll a	N/A	mg/L	21.7	7.2	23.8	17.56666667	7.2	23.8
	Conductivity	N/A	µS/cm	1130	113.7	1133	790.567	113.7	1133
	Faecal Coliforms	0-200	cfu/100mL	19	15	4	12.66666667	4	19
	Nitrogen (total)	0-15	mg/L	2.34	2.13	2.6	6.40333	2.13	2.6
	Oil and Grease	0-10	mg/L	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	4.28	4.3	4.46	4.346666667	4.28	4.46
	Total Suspended Solids	0-30	mg/L	6	7	7	8.33333	6	7
	pH	6.5-8.5	pH	8.4	8.6	8.7	8.23333	8.4	8.7

Monthly Result for November 2021 - Macquarie River discharge from Sampling Point 1 during November 2021

Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
				23/11/2021	29/11/2021	30/11/2021	Average	Min.	Max.
1				23/11/2021	29/11/2021	30/11/2021	Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	<2	3	4	3.5	3	4
	Chlorophyll a	N/A	mg/L	0.4	24.3	38.6	21.1	0.4	38.6
	Conductivity	N/A	µS/cm	101.7	1129	1141	790.567	101.7	1141
	Faecal Coliforms	0-200	cfu/100mL	11	3700	~1100	1855.5	11	3700
	Nitrogen (total)	0-15	mg/L	2.14	15	2.07	6.40333	2.07	15
	Oil and Grease	0-10	mg/L	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	2.2	4.16	0.12	2.16	0.12	4.16
	Total Suspended Solids	0-30	mg/L	4	10	11	8.33333	4	11
	pH	6.5-8.5	pH	7.4	8.6	8.7	8.23333	7.4	8.7

Monthly Result for October 2021 - Macquarie River discharge from Sampling Point 1 during October 2021

Sampling Point	Pollutant	Acceptable Range	Unit	Measurement		Monthly Summary		
				21/10/2021	26/10/2021	Average	Min.	Max.
1								
	Biochemical Oxygen Demand	0-30	mg/L	1	1	1	1	1
	Chlorophyll a	N/A	mg/L			0	0	0
	Conductivity	N/A	µS/cm	1075	1074	1074.5	1074	1075
	Faecal Coliforms	0-200	cfu/100mL	8	39	23.5	8	39
	Nitrogen (total)	0-15	mg/L	3.03	4.34	3.685	3.03	4.34
	Oil and Grease	0-10	mg/L	2.5	2.5	2.5	2.5	2.5
	Phosphorus (total)	0-10	mg/L	2.34	1.82	2.08	1.82	2.34
	Total Suspended Solids	0-30	mg/L	4	4	4	4	4
	pH	6.5-8.5	pH	7.5	7.4	7.45	7.4	7.5

Monthly Result for September 2021 - No Macquarie River discharge from Sampling Point 1 during September 2021

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 August 2021 - Macquarie River discharge from Sampling Point 1 during August 2021											
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement					Monthly Summary		
				Results: 03/08/2021	Results: 05/08/2021	Results: 10/08/2021	Results: 12/08/2021	Results: 17/08/2021	Average	Min.	Max.
1											
	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	<2	<2	<2	<2	<2	<2
	Chlorophyll a	N/A	mg/L	2.6	0.7	1.9	0.3	1.8	1.46	0.3	2.6
	Conductivity	N/A	µS/cm	119.5	120.4	118.3	1188	117.2	332.68	117.2	1188
	Faecal Coliforms	0-200	cfu/100mL	1	2	1	<1	5	2.25	1	5
	Nitrogen (total)	0-15	mg/L	1.25	3.07	3.44	3.49	3.43	2.936	1.25	3.49
	Oil and Grease	0-10	mg/L	<5	<5	<5	<5	<5	<5	<5	<5
	Phosphorus (total)	0-10	mg/L	3.65	2.82	2.72	3.18	3.34	3.142	2.72	3.65
	Total Suspended Solids	0-30	mg/L	3	3	3	3	<2	3	3	3
	pH	6.5-8.5	pH	8.2	7.4	7.5	7.6	7.5	7.64	7.4	8.2

Monthly Result for July 2021 - Macquarie River discharge from Sampling Point 1 during July 2021															
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement								Monthly Summary			
				Results: 01/07/2021	Results: 06/07/2021	Results: 08/07/2021	Results: 13/07/2021	Results: 15/07/2021	20/07/20 21	21/07/20 21	29/07/2 021	Average	Min.	Max.	
1															
	Biochemical Oxygen Demand	0-30	mg/L	1	1	3	1	1	1	1	1	1	1.25	1	3
	Chlorophyll a	N/A	mg/L	1.3	16.4	3.8	0.59	3.4	1.48	3.18	0.9	3.88125	0.59	16.4	
	Conductivity	N/A	µS/cm	118.4	119.4	120.1	123.3	124	123.8	122.5	122.9	121.8	118.4	124	
	Faecal Coliforms	0-200	cfu/100mL	11000	860	8700	20000	10000	3500	240	32	6791.5	32	20000	
	Nitrogen (total)	0-15	mg/L	7.52	2.6	5.24	4.67	3.92	2.97	2.11	1.88	3.86375	1.88	7.52	
	Oil and Grease	0-10	mg/L	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	Phosphorus (total)	0-10	mg/L	3.88	3.08	3.34	2.12	3.12	2.12	2.73	2.18	2.82125	2.12	3.88	
	Total Suspended Solids	0-30	mg/L	2	4	5	8	2	3	5	3	4	2	8	
	pH	6.5-8.5	pH	7.2	8.4	8	7.2	7.5	7.6	7.6	7.6	7.6375	7.2	8.4	