

DUBBO SEWAGE TREATMENT PLANT POINT 1

2020/2021

Licensee: Dubbo Regional Council

EPL No: 3850

Monthly Result for June 2021 - Macquarie River discharge from Sampling Point 1 during June 2021									
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1				15/06/2021	22/06/2021		Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	1	3		2	1	3
	Chlorophyll a	N/A	mg/L	1.8	24.4		13.1	1.8	24.4
	Conductivity	N/A	µS/cm	117.2	121.2		119.2	117.2	121.2
	Faecal Coliforms	0-200	cfu/100mL	4600	11000		7800	4600	11000
	Nitrogen (total)	0-15	mg/L	7.1	5.8		6.45	5.8	7.1
	Oil and Grease	0-10	mg/L	2.5	2.5		2.5	2.5	2.5
	Phosphorus (total)	0-10	mg/L	3.34	3.32		3.33	3.32	3.34
	Total Suspended Solids	0-30	mg/L	2	9		5.5	2	9
	pH	6.5-8.5	pH	7.3	7.3		7.3	7.3	7.3

Monthly Result for May 2021

No Macquarie River discharge from Sampling Point 1 during May 2021

Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 April 2021 - Macquarie River discharge from Sampling Point 1 during April 2021									
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average	Min	Max			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1				6/04/2021	13/04/2021	20/04/2021	Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	1	1	1	1	1	1
	Chlorophyll a	N/A	mg/L	1.9	4	2.7	2.8666667	1.9	4
	Conductivity	N/A	µS/cm	1048	107.2	106.8	420.66667	106.8	1048
	Faecal Coliforms	0-200	cfu/100mL	20000	24000	26000	23333.333	20000	26000
	Nitrogen (total)	0-15	mg/L	5.18	5.91	6.68	5.9233333	5.18	6.68
	Oil and Grease	0-10	mg/L	2.5	2.5	2.5	2.5	2.5	2.5
	Phosphorus (total)	0-10	mg/L	3.32	5.04	5.52	4.6266667	3.32	5.52
	Total Suspended Solids	0-30	mg/L	3	2	2	2.3333333	2	3
	pH	6.5-8.5	pH	7.5	7.4	7.3	7.4	7.3	7.5

Monthly Result for March 2021 - Macquarie River discharge from Sampling Point 1 during March 2021									
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average	Min	Max			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1				23/03/2021	30/03/2021		Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	61	<2		61	61	61
	Chlorophyll a	N/A	mg/L	1.2	2		1.6	1.2	2
	Conductivity	N/A	µS/cm	84.7	1052		568.35	84.7	1052
	Faecal Coliforms	0-200	cfu/100mL	50000	18000		34000	18000	50000
	Nitrogen (total)	0-15	mg/L	30.8	7.12		18.96	7.12	30.8
	Oil and Grease	0-10	mg/L	<5	<5		<5	<5	<5
	Phosphorus (total)	0-10	mg/L	11.8	3.68		7.74	3.68	11.8
	Total Suspended Solids	0-30	mg/L	270	2		136	2	270
	pH	6.5-8.5	pH	7	7.4		7.2	7	7.4

Monthly Result for February 2021		No Macquarie River discharge from Sampling Point 1 during February 2021							
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 January 2021		No Macquarie River discharge from Sampling Point 1 during January 2021							
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 December 2020		No Macquarie River discharge from Sampling Point 1 during December 2020							
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 November 2020		No Macquarie River discharge from Sampling Point 1 during November 2020							
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 October 2020		No Macquarie River discharge from Sampling Point 1 during October 2020							
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 2020		No Macquarie River discharge from Sampling Point 1 during September 2020							
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary					
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0			
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement			Monthly Summary		
1							Average	Min.	Max.
	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 2020 - Macquarie River discharge from Sampling Point 1 during August 2020										
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary						
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0				
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement				Monthly Summary		
1				Results: 03/08/2020	Results: 12/08/2020	Results: 31/08/2020	Average	Min.	Max.	
	Biochemical Oxygen Demand	0-30	mg/L	<2	<2	<2	2	2	2	
	Chlorophyll a	N/A	mg/L	1.3	1	4.9	2.4	1	4.9	
	Conductivity	N/A	µS/cm	1323	1318	1338	1326.33	1318	1338	
	Faecal Coliforms	0-200	cfu/100mL	43	25	5	24.33	5	43	
	Nitrogen (total)	0-15	mg/L	3.68	3.43	2.82	3.31	2.82	3.68	
	Oil and Grease	0-10	mg/L	<5	<5	<5	0	0	0	
	Phosphorus (total)	0-10	mg/L	4.04	4.2	3.7	3.98	3.7	4.2	
	Total Suspended Solids	0-30	mg/L	3	3	5	3.666	3	5	
	pH	6.5-8.5	pH	7.6	7.5	8.2	7.766	7.5	8.2	

Monthly Result for July 2020 - Macquarie River discharge from Sampling Point 1 during July 2020										
Sampling Point	Point 1 River Release	Acceptable Range	Unit	Monthly Summary						
1	0	0-9.5	Megalitres	Average 0	Min 0	Max 0				
Sampling Point	Pollutant	Acceptable Range	Unit	Measurement				Monthly Summary		
1				Results: 07/07/2020	Results: 14/07/2020	Results: 21/07/2020	Results: 28/07/2020	Average	Min.	Max.
	Biochemical Oxygen Demand	0-30	mg/L	2	<2	<2	<2	2	2	2
	Chlorophyll a	N/A	mg/L	N/A	N/A	N/A	0.8	0.8	0.8	0.8
	Conductivity	N/A	µS/cm	1238	112.8	1234	1226	952.7	112.8	1238
	Faecal Coliforms	0-200	cfu/100mL	20	24	46	3800	972.5	20	3800
	Nitrogen (total)	0-15	mg/L	5.48	3.62	3.45	3.43	3.995	3.43	5.48
	Oil and Grease	0-10	mg/L	<5	<5	<5	<5	0	0	0
	Phosphorus (total)	0-10	mg/L	4.7	3.32	4.12	3.38	3.88	3.32	4.7
	Total Suspended Solids	0-30	mg/L	3	<2	<2	4	3.5	3	4
	pH	6.5-8.5	pH	7.5	7.4	7.6	7.6	7.525	7.4	7.6