

DUBBO SEWAGE TREATMENT PLANT POINT 1

2023/2024

Licensee: Dubbo Regional Council
EPL No: 3850

| Monthly Result for April 2024 - No Macquarie River Discharge from Sampling Point 1 during April 2024 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 March 2024 - No Macquarie River Discharge from Sampling Point 1 during March 2024 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 February 2024 - No Macquarie River Discharge from Sampling Point 1 during February 2024 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 2024 - No Macquarie River Discharge from Sampling Point 1 during January 2024 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 2023 - No Macquarie River Discharge from Sampling Point 1 during December 2023 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 2023 - No Macquarie River Discharge from Sampling Point 1 during November 2023 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 2023 - No Macquarie River Discharge from Sampling Point 1 during October 2023 | | | | | | | |
|--|---------------------------|------------------|-----------|-------------|-----------------|------|------|
| 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 2023 - Macquarie River discharge from Sampling Point 1 during September 2023 | | | | | | | |
|---|---------------------------|------------------|-----------|-------------|-----------------|-------|-------|
| Sampling Point | Pollutant | Acceptable Range | Unit | Measurement | Monthly Summary | | |
| 1 | | | | 12/09/2023 | Average | Min. | Max. |
| | Biochemical Oxygen Demand | 0-30 | mg/L | <2 | 0 | 0 | 0 |
| | Chlorophyll a | N/A | mg/L | 1.5 | 1.5 | 1.5 | 1.5 |
| | Conductivity | N/A | µS/cm | 108.4 | 108.4 | 108.4 | 108.4 |
| | Faecal Coliforms | 0-200 | cfu/100mL | 1 | 1 | 1 | 1 |
| | Nitrogen (total) | 0-15 | mg/L | 2.87 | 2.87 | 2.87 | 2.87 |
| | Oil and Grease | 0-10 | mg/L | <5 | 0 | 0 | 0 |
| | Phosphorus (total) | 0-10 | mg/L | 2.72 | 2.72 | 2.72 | 2.72 |
| | Total Suspended Solids | 0-30 | mg/L | <2 | 0 | 0 | 0 |
| | pH | 6.5-8.5 | pH | 7.2 | 7.2 | 7.2 | 7.2 |

Monthly Result for August 2023 - Macquarie River discharge from Sampling Point 1 during August 2023

| Sampling Point | Pollutant | Acceptable Range | Unit | Measurement | | | | | | | Monthly Summary | | | |
|----------------|---------------------------|------------------|-----------|-------------|-----------|-----------|------------|------------|------------|------------|-----------------|-------|------|--|
| | | | | 1/08/2023 | 3/08/2023 | 8/08/2023 | 15/08/2023 | 17/08/2023 | 22/08/2023 | 24/08/2023 | Average | Min. | Max. | |
| 1 | | | | | | | | | | | | | | |
| | Biochemical Oxygen Demand | 0-30 | mg/L | <2 | <2 | <5 | <2 | <2 | <2 | 3 | 3 | 3 | 3 | |
| | Chlorophyll a | N/A | mg/L | 16.2 | 14.9 | 10.6 | 24.9 | 24.6 | 12.2 | 14 | 16.77142857 | 10.6 | 24.9 | |
| | Conductivity | N/A | µS/cm | 121.4 | 125 | 124.4 | 120.5 | 121.1 | 121.8 | 120.9 | 122.1571429 | 120.5 | 125 | |
| | Faecal Coliforms | 0-200 | cfu/100mL | 6.0 | 22.0 | 24.0 | 5.0 | 10.0 | 27.0 | 31.0 | 17.85714286 | 5 | 31 | |
| | Nitrogen (total) | 0-15 | mg/L | 6.3 | 5.98 | 5.27 | 4.29 | 3.79 | 3.14 | 4.4 | 4.738571429 | 3.14 | 6.3 | |
| | Oil and Grease | 0-10 | mg/L | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 0 | 0 | 0 | |
| | Phosphorus (total) | 0-10 | mg/L | 4.52 | 3.86 | 4.2 | 3 | 3.3 | 2.25 | 2.12 | 3.321428571 | 2.12 | 4.52 | |
| | Total Suspended Solids | 0-30 | mg/L | 2 | 7 | 3 | 5 | 4 | 8 | 4 | 4.714285714 | 2 | 8 | |
| | pH | 6.5-8.5 | pH | 7.2 | 7.2 | 7.4 | 7.6 | 7.2 | 7.9 | 7.2 | 7.385714286 | 7.2 | 7.9 | |

Monthly Result for July 2023 - Macquarie River discharge from Sampling Point 1 during July 2023

| Sampling Point | Pollutant | Acceptable Range | Unit | Measurement | | | | | | | | Monthly Summary | | |
|----------------|---------------------------|------------------|-----------|-------------|-----------|------------|------------|------------|------------|------------|------------|-----------------|-------|-------|
| | | | | 4/07/2023 | 6/07/2023 | 11/07/2023 | 13/07/2023 | 18/07/2023 | 20/07/2023 | 25/07/2023 | 28/07/2023 | Average | Min. | Max. |
| 1 | | | | | | | | | | | | | | |
| | Biochemical Oxygen Demand | 0-30 | mg/L | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | 0 | 0 | 0 |
| | Chlorophyll a | N/A | mg/L | 17.2 | 14.4 | 10.7 | 6.5 | 9.9 | 13.6 | 7.9 | 9.4 | 11.2 | 6.5 | 17.2 |
| | Conductivity | N/A | µS/cm | 124 | 114 | 127 | 126 | 125 | 121.4 | 120 | 121 | 122.275 | 113.6 | 127.2 |
| | Faecal Coliforms | 0-200 | cfu/100mL | 27.0 | 13.0 | 2.0 | <1 | 11.0 | 12.0 | 6.0 | <1 | 11.83333333 | 2 | 27 |
| | Nitrogen (total) | 0-15 | mg/L | 6.26 | 4.68 | 6.2 | 6.63 | 6.3 | 7.1 | 6.62 | 8.77 | 6.57 | 4.68 | 8.77 |
| | Oil and Grease | 0-10 | mg/L | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 0 | 0 | 0 |
| | Phosphorus (total) | 0-10 | mg/L | 3.94 | 3.38 | 3.9 | 3.82 | 3.4 | 3.52 | 3.32 | 4.14 | 3.6775 | 3.32 | 4.14 |
| | Total Suspended Solids | 0-30 | mg/L | 5 | 3 | <2 | 3 | 3 | 3 | 4 | <2 | 3.5 | 3 | 5 |
| | pH | 6.5-8.5 | pH | 7.2 | 7.2 | 7.2 | 7.2 | 7.4 | 7.2 | 7.2 | 7.1 | 7.2125 | 7.1 | 7.4 |