

Temora Sewage Treatment Plant

EPA Licence Number 2523



Temora Shire Council

Temora Sewage Treatment Plant
Teal Street
TEMORA NSW 2666

Location of Monitoring Point 5: Sewage Treatment Pond 6 - discharge to utilisation area

Monitoring Frequency required by licence: monthly

Date sample taken: 16/12/2022

Date sample sent to laboratory: 16/12/2022

Date data received from laboratory: 20/01/2023

Date data published: 20/01/2023

Date published within 14 days: Yes

Summary of Results for: December 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 8 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 370 | No |
| Oil & Grease | mg/L | 20 | 1 | No |
| pH | pH units | 5.5 - 9.5 | 9.1 | No |
| Total Suspended Solids | mg/L | 40 | 24 | No |
| Ammonia as N | mg/L | - | 2.3 | No |
| Conductivity | µS/cm | - | 894 | No |
| Nitrate/Nitrite as N | mg/L | - | 3.2 | No |
| Nitrogen, total | mg/L | - | 7 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 4 | No |
| Phosphorous, total | mg/L | - | 3.05 | No |

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Location of Monitoring Point 5: Sewage Treatment Pond 6 - discharge to utilisation area

Monitoring Frequency required by licence: monthly

Date sample taken: 25/11/2022

Date sample sent to laboratory: 25/11/2022

Date data received from laboratory: 13/12/2022

Date data published: 14/12/2022

Date published within 14 days: Yes

Summary of Results for: November 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 13 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 28 | No |
| Oil & Grease | mg/L | 20 | 1 | No |
| pH | pH units | 5.5 - 9.5 | 8.6 | No |
| Total Suspended Solids | mg/L | 40 | <2 | No |
| Ammonia as N | mg/L | - | 6 | No |
| Conductivity | µS/cm | - | 831 | No |
| Nitrate/Nitrite as N | mg/L | - | 4.0 | No |
| Nitrogen, total | mg/L | - | 12 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 8 | No |
| Phosphorous, total | mg/L | - | 3.58 | No |

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Location of Monitoring Point 5: Sewage Treatment Pond 6 - discharge to utilisation area

Monitoring Frequency required by licence: monthly

Date sample taken: 25/10/2022
Date sample sent to laboratory: 25/10/2022
Date data received from laboratory: 9/11/2022
Date data published: 10/11/2022
Date published within 14 days: Yes

Summary of Results for: October 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 3 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 55 | No |
| Oil & Grease | mg/L | 20 | 2 | No |
| pH | pH units | 5.5 - 9.5 | 8.4 | No |
| Total Suspended Solids | mg/L | 40 | <2 | No |
| Ammonia as N | mg/L | - | 10 | No |
| Conductivity | µS/cm | - | 861 | No |
| Nitrate/Nitrite as N | mg/L | - | 3.5 | No |
| Nitrogen, total | mg/L | - | 16 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 13 | No |
| Phosphorous, total | mg/L | - | 4.51 | No |

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Location of Monitoring Point 5: Sewage Treatment Pond 6 - discharge to utilisation area

Monitoring Frequency required by licence: monthly

Date sample taken: 23/09/2022
Date sample sent to laboratory: 23/09/2022
Date data received from laboratory: 14/10/2022
Date data published: 14/10/2022
Date published within 14 days: Yes

Summary of Results for: September 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 3 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | <1 | No |
| Oil & Grease | mg/L | 20 | <1 | No |
| pH | pH units | 5.5 - 9.5 | 8.2 | No |
| Total Suspended Solids | mg/L | 40 | 5 | No |
| Ammonia as N | mg/L | - | 11 | No |
| Conductivity | µS/cm | - | 830 | No |
| Nitrate/Nitrite as N | mg/L | - | 4.2 | No |
| Nitrogen, total | mg/L | - | 17 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 13 | No |
| Phosphorous, total | mg/L | - | 4.41 | No |

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Monitoring Frequency required by licence: monthly

Date sample taken: 30/08/2022
Date sample sent to laboratory: 30/08/2022
Date data received from laboratory: 14/09/2022
Date data published: 15/09/2022
Date published within 14 days: Yes

Summary of Results for: August 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 12 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 28 | No |
| Oil & Grease | mg/L | 20 | 5 | No |
| pH | pH units | 5.5 - 9.5 | 7.7 | No |
| Total Suspended Solids | mg/L | 40 | 10 | No |
| Ammonia as N | mg/L | - | 9 | No |
| Conductivity | µS/cm | - | 815 | No |
| Nitrate/Nitrate as N | mg/L | - | 4.8 | No |
| Nitrogen, total | mg/L | - | 16 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 11 | No |
| Phosphorous, total | mg/L | - | 4.38 | No |

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Date sample taken: 22/07/2022
Date sample sent to laboratory: 22/07/2022
Date data received from laboratory: 11/08/2022
Date data published: 19/08/2022
Date published within 14 days: Yes

Summary of Results for: July 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | <2 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 18 | No |
| Oil & Grease | mg/L | 20 | 4 | No |
| pH | pH units | 5.5 - 9.5 | 8.0 | No |
| Total Suspended Solids | mg/L | 40 | 2 | No |
| Ammonia as N | mg/L | - | 4.9 | No |
| Conductivity | µS/cm | - | 799 | No |
| Nitrate/Nitrate as N | mg/L | - | 3.8 | No |
| Nitrogen, total | mg/L | - | 12 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 8 | No |
| Phosphorous, total | mg/L | - | 4.53 | No |

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Monitoring Frequency required by licence: monthly

Date sample taken: 28/06/2022
Date sample sent to laboratory: 28/06/2022
Date data received from laboratory: 21/07/2022
Date data published: 22/07/2022
Date published within 14 days: Yes

Summary of Results for: June 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | <2 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 44 | No |
| Oil & Grease | mg/L | 20 | 4 | No |
| pH | pH units | 5.5 - 9.5 | 8.2 | No |
| Total Suspended Solids | mg/L | 40 | 8 | No |
| Ammonia as N | mg/L | - | 2.8 | No |
| Conductivity | µS/cm | - | 803 | No |
| Nitrate/Nitrate as N | mg/L | - | <0.1 | No |
| Nitrogen, total | mg/L | - | 4 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 4 | No |
| Phosphorous, total | mg/L | - | 4.64 | No |

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Date sample taken: 27/05/2022
Date sample sent to laboratory: 27/05/2022
Date data received from laboratory: 16/006/2022
Date data published: 16/06/2022
Date published within 14 days: Yes

Summary of Results for: May 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 8 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 58 | No |
| Oil & Grease | mg/L | 20 | 7 | No |
| pH | pH units | 5.5 - 9.5 | 8.0 | No |
| Total Suspended Solids | mg/L | 40 | <2 | No |
| Ammonia as N | mg/L | - | 0.8 | No |
| Conductivity | µS/cm | - | 822 | No |
| Nitrate/Nitrate as N | mg/L | - | 2.3 | No |
| Nitrogen, total | mg/L | - | 5 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 3 | No |
| Phosphorous, total | mg/L | - | 4.08 | No |

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Date sample taken: 27/04/2022
Date sample sent to laboratory: 27/04/2022
Date data received from laboratory: 20/05/2022
Date data published: 23/05/2022
Date published within 14 days: Yes

Summary of Results for: April 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 4 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 110 | No |
| Oil & Grease | mg/L | 20 | <1 | No |
| pH | pH units | 5.5 - 9.5 | 7.9 | No |
| Total Suspended Solids | mg/L | 40 | 15 | No |
| Ammonia as N | mg/L | - | 0.4 | No |
| Conductivity | µS/cm | - | 865 | No |
| Nitrate/Nitrate as N | mg/L | - | 1.5 | No |
| Nitrogen, total | mg/L | - | 4 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 2 | No |
| Phosphorous, total | mg/L | - | 4.50 | No |

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Date sample taken: 29/03/2022
Date sample sent to laboratory: 29/03/2022
Date data received from laboratory: 2/05/2022
Date data published: 4/05/2022
Date published within 14 days: Yes

Summary of Results for: March 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 2 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 4500 | Yes |
| Oil & Grease | mg/L | 20 | <1 | No |
| pH | pH units | 5.5 - 9.5 | 8.3 | No |
| Total Suspended Solids | mg/L | 40 | 19 | No |
| Ammonia as N | mg/L | - | 0.6 | No |
| Conductivity | µS/cm | - | 891 | No |
| Nitrate/Nitrate as N | mg/L | - | 1.7 | No |
| Nitrogen, total | mg/L | - | 5 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 3 | No |
| Phosphorous, total | mg/L | - | 3.89 | No |

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Monitoring Frequency required by licence: monthly

Date sample taken: 28/02/2022
Date sample sent to laboratory: 28/02/2022
Date data received from laboratory: 16/03/2022
Date data published: 17/03/2022
Date published within 14 days: Yes

Summary of Results for: February 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 3 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 3220 | Yes |
| Oil & Grease | mg/L | 20 | 4 | No |
| pH | pH units | 5.5 - 9.5 | 8.3 | No |
| Total Suspended Solids | mg/L | 40 | 12 | No |
| Ammonia as N | mg/L | - | 1.1 | No |
| Conductivity | µS/cm | - | 855 | No |
| Nitrate/Nitrite as N | mg/L | - | 1.4 | No |
| Nitrogen, total | mg/L | - | 6 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 5 | No |
| Phosphorous, total | mg/L | - | 4.49 | No |

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Monitoring Frequency required by licence: monthly

Date sample taken: 31/01/2022
Date sample sent to laboratory: 31/01/2022
Date data received from laboratory: 24/02/2022
Date data published: 2/03/2022
Date published within 14 days: Yes

Summary of Results for: January 2022

| Pollutant | Unit of Measure | Limit | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L | 30 | 5 | No |
| Faecal Coliforms | per 100mL | 200 (80%) 600 (100%) | 14 | No |
| Oil & Grease | mg/L | 20 | 2 | No |
| pH | pH units | 5.5 - 9.5 | 8.1 | No |
| Total Suspended Solids | mg/L | 40 | 2 | No |
| Ammonia as N | mg/L | - | 3.4 | No |
| Conductivity | µS/cm | - | 842 | No |
| Nitrate/Nitrite as N | mg/L | - | 2.5 | No |
| Nitrogen, total | mg/L | - | 8 | No |
| Total Kjeldahl Nitrogen | mg/L | - | 6 | No |
| Phosphorous, total | mg/L | - | 4.55 | No |