

# Temora Sewage Treatment Plant

## EPA Licence Number 2523



**TEMORA**  
*The Friendly Shire*

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

### Summary of Results for: 10/12/2013

| 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%) | 150         | Yes            |
| Oil & Grease              | mg/L            | 20                   | 6           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 8.2         | No             |
| Total Suspended Solids    | mg/L            | 40                   | < 2         | No             |
| Ammonia                   | mg/L            | -                    | 2           | No             |
| Conductivity              | µS/cm           | -                    | 848         | No             |
| Nitrate                   | mg/L            | -                    | 5.8         | No             |
| Total Nitrogen            | mg/L            | -                    | 16          | No             |
| Total Phosphorous         | mg/L            | -                    | 5.5         | No             |

### Summary of Results for: 12/11/2013

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 10          | No             |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 38          | Yes            |
| Oil & Grease              | mg/L            | 20                   | 1           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 8.0         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 6           | No             |
| Ammonia                   | mg/L            | -                    | 5           | No             |
| Conductivity              | µS/cm           | -                    | 824         | No             |
| Nitrate                   | mg/L            | -                    | 5.4         | No             |
| Total Nitrogen            | mg/L            | -                    | 7           | No             |
| Total Phosphorous         | mg/L            | -                    | 5.4         | No             |

**Summary of Results for: 10/10/2013**

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 32          | Yes            |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 180         | Yes            |
| Oil & Grease              | mg/L            | 20                   | 1           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 8.5         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 48          | Yes            |
| Ammonia                   | mg/L            | -                    | 27          | No             |
| Conductivity              | µS/cm           | -                    | 837         | No             |
| Nitrate                   | mg/L            | -                    | 0.4         | No             |
| Total Nitrogen            | mg/L            | -                    | 74          | No             |
| Total Phosphorous         | mg/L            | -                    | 7.85        | No             |

**Summary of Results for: 03/09/2013**

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 6           | No             |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 60          | Yes            |
| Oil & Grease              | mg/L            | 20                   | 1           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 8.0         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 10          | No             |
| Ammonia                   | mg/L            | -                    | 0.2         | No             |
| Conductivity              | µS/cm           | -                    | 221         | No             |
| Nitrate                   | mg/L            | -                    | 0.1         | No             |
| Total Nitrogen            | mg/L            | -                    | 6           | No             |
| Total Phosphorous         | mg/L            | -                    | 0.3         | No             |

**Summary of Results for: 08/08/2013**

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 20          | No             |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 130         | Yes            |
| Oil & Grease              | mg/L            | 20                   | 5           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 8.9         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 19          | No             |
| Ammonia                   | mg/L            | -                    | 2           | No             |
| Conductivity              | µS/cm           | -                    | 697         | No             |
| Nitrate                   | mg/L            | -                    | 7.8         | No             |
| Total Nitrogen            | mg/L            | -                    | 12          | No             |
| Total Phosphorous         | mg/L            | -                    | 5.2         | No             |

**Summary of Results for: 09/07/2013**

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 80          | Yes            |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 360         | Yes            |
| Oil & Grease              | mg/L            | 20                   | 3           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 7.6         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 50          | Yes            |
| Ammonia                   | mg/L            | -                    | 0.2         | No             |
| Conductivity              | µS/cm           | -                    | 679         | No             |
| Nitrate                   | mg/L            | -                    | 26          | No             |
| Total Nitrogen            | mg/L            | -                    | 42          | No             |
| Total Phosphorous         | mg/L            | -                    | 6.48        | No             |

**Summary of Results for: 12/06/2013**

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 85          | Yes            |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 3000        | Yes            |
| Oil & Grease              | mg/L            | 20                   | 3           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 7.0         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 48          | Yes            |
| Ammonia                   | mg/L            | -                    | 5           | No             |
| Conductivity              | µS/cm           | -                    | 752         | No             |
| Nitrate                   | mg/L            | -                    | 16          | No             |
| Total Nitrogen            | mg/L            | -                    | 40          | No             |
| Total Phosphorous         | mg/L            | -                    | 7.97        | No             |

**Summary of Results for: 30/05/2013**

| Pollutant                 | Unit of Measure | Limit                | Test Result | Limit Exceeded |
|---------------------------|-----------------|----------------------|-------------|----------------|
| Biochemical Oxygen Demand | mg/L            | 30                   | 193         | Yes            |
| Faecal Coliforms          | per 100mL       | 200 (80%) 600 (100%) | 480         | Yes            |
| Oil & Grease              | mg/L            | 20                   | 4           | No             |
| pH                        | pH units        | 5.5 - 9.5            | 8.4         | No             |
| Total Suspended Solids    | mg/L            | 40                   | 86          | Yes            |
| Ammonia                   | mg/L            | -                    | 8           | No             |
| Conductivity              | µS/cm           | -                    | 856         | No             |
| Nitrate                   | mg/L            | -                    | 9.6         | No             |
| Total Nitrogen            | mg/L            | -                    | 44          | No             |
| Total Phosphorous         | mg/L            | -                    | 9           | No             |

**Summary of Results for: 29/04/2013**

| <b>Pollutant</b>          | <b>Unit of Measure</b> | <b>Limit</b>         | <b>Test Result</b> | <b>Limit Exceeded</b> |
|---------------------------|------------------------|----------------------|--------------------|-----------------------|
| Biochemical Oxygen Demand | mg/L                   | 30                   | 172                | Yes                   |
| Faecal Coliforms          | per 100mL              | 200 (80%) 600 (100%) | 1400               | Yes                   |
| Oil & Grease              | mg/L                   | 20                   | 1                  | No                    |
| pH                        | pH units               | 5.5 - 9.5            | 7.1                | No                    |
| Total Suspended Solids    | mg/L                   | 40                   | 72                 | Yes                   |
| Ammonia                   | mg/L                   | -                    | 13                 | No                    |
| Conductivity              | µS/cm                  | -                    | 850                | No                    |
| Nitrate                   | mg/L                   | -                    | 11                 | No                    |
| Total Nitrogen            | mg/L                   | -                    | 49                 | No                    |
| Total Phosphorous         | mg/L                   | -                    | 8                  | No                    |

**Summary of Results for: 20/02/2013**

| <b>Pollutant</b>          | <b>Unit of Measure</b> | <b>Limit</b>         | <b>Test Result</b> | <b>Limit Exceeded</b> |
|---------------------------|------------------------|----------------------|--------------------|-----------------------|
| Biochemical Oxygen Demand | mg/L                   | 30                   | 109                | Yes                   |
| Faecal Coliforms          | per 100mL              | 200 (80%) 600 (100%) | 690                | Yes                   |
| Oil & Grease              | mg/L                   | 20                   | 26                 | Yes                   |
| pH                        | pH units               | 5.5 - 9.5            | 8.6                | No                    |
| Total Suspended Solids    | mg/L                   | 40                   | 270                | Yes                   |
| Ammonia                   | mg/L                   | -                    | 2                  | No                    |
| Conductivity              | µS/cm                  | -                    | 871                | No                    |
| Nitrate                   | mg/L                   | -                    | 0.1                | No                    |
| Total Nitrogen            | mg/L                   | -                    | 52                 | No                    |
| Total Phosphorous         | mg/L                   | -                    | 7.41               | No                    |