



Delungra Sewage Treatment Plant

Sampling Point: Discharge Point

EPL No. 4114

Licence Period 15 October 2023 to 14 October 2024

Licensee: Inverell Shire Council

144 Otho Street, Inverell

<http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

Monitoring Frequency - Monthly

| | | Quantity | Measurement | Limit | Units |
|-----------|------------|-------------------------|-------------|---------|-----------|
| Sampled | 14/11/2023 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 23/11/2023 | pH | 10 | 6.5-8.5 | - |
| Published | 27/11/2023 | BOD | 15 | 20 | mg/L |
| | | Suspended Solids | 100 | 30 | mg/L |
| | | Conductivity | 643 | - | µS/cm |
| | | Faecal Coliforms | <10 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.03 | - | mg/L |
| | | Nitrogen (ammonia) | <0.10 | - | mg/L |
| | | Phosphorus (total) | 2.41 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 10.1 | - | mg/L |
| | | Chlorophyll 'a' | 511 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 5/12/2023 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 14/12/2023 | pH | 9.6 | 6.5-8.5 | - |
| Published | 18/12/2023 | BOD | 27 | 20 | mg/L |
| | | Suspended Solids | 72 | 30 | mg/L |
| | | Conductivity | 631 | - | µS/cm |
| | | Faecal Coliforms | 58 | - | cfu/100ml |
| | | Nitrate + Nitrite | <.01 | - | mg/L |
| | | Nitrogen (ammonia) | <0.10 | - | mg/L |
| | | Phosphorus (total) | 3.08 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 6.4 | - | mg/L |
| | | Chlorophyll 'a' | 106 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 10/01/2024 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 23/01/2024 | pH | 9.2 | 6.5-8.5 | - |
| Published | 24/01/2024 | BOD | 30 | 20 | mg/L |
| | | Suspended Solids | 117 | 30 | mg/L |
| | | Conductivity | 635 | - | µS/cm |
| | | Faecal Coliforms | ~620 | - | cfu/100ml |
| | | Nitrate + Nitrite | <0.01 | - | mg/L |
| | | Nitrogen (ammonia) | <0.10 | - | mg/L |
| | | Phosphorus (total) | 3.66 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 10.6 | - | mg/L |
| | | Chlorophyll 'a' | 64 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 6/02/2024 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 7/02/2024 | pH | 9 | 6.5-8.5 | - |
| Published | 16/02/2024 | BOD | 49 | 20 | mg/L |
| | | Suspended Solids | 103 | 30 | mg/L |
| | | Conductivity | 642 | - | µS/cm |



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Monitoring Frequency - Monthly

| | | Quantity | Measurement | Limit | Units |
|-----------|------------|-------------------------|-------------|---------|-----------|
| | | Faecal Coliforms | ~100 | - | cfu/100ml |
| | | Nitrate + Nitrite | <0.01 | - | mg/L |
| | | Nitrogen (ammonia) | <0.10 | - | mg/L |
| | | Phosphorus (total) | 2.93 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 9.3 | - | mg/L |
| | | Chlorophyll 'a' | 339 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 5/03/2024 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 15/03/2024 | pH | 9.1 | 6.5-8.5 | - |
| Published | 19/03/2024 | BOD | 31 | 20 | mg/L |
| | | Suspended Solids | 71 | 30 | mg/L |
| | | Conductivity | 676 | - | µS/cm |
| | | Faecal Coliforms | 290 | - | cfu/100ml |
| | | Nitrate + Nitrite | <0.01 | - | mg/L |
| | | Nitrogen (ammonia) | <0.10 | - | mg/L |
| | | Phosphorus (total) | 2.89 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 6.6 | - | mg/L |
| | | Chlorophyll 'a' | 203 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | | Oil and Grease | | 10 | mg/L |
| Reported | | pH | | 6.5-8.5 | - |
| Published | | BOD | | 20 | mg/L |
| | | Suspended Solids | | 30 | mg/L |
| | | Conductivity | | - | µS/cm |
| | | Faecal Coliforms | | - | cfu/100ml |
| | | Nitrate + Nitrite | | - | mg/L |
| | | Nitrogen (ammonia) | | - | mg/L |
| | | Phosphorus (total) | | - | mg/L |
| | | Total Kjeldhal Nitrogen | | - | mg/L |
| | | Chlorophyll 'a' | | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | | Oil and Grease | | 10 | mg/L |
| Reported | | pH | | 6.5-8.5 | - |
| Published | | BOD | | 20 | mg/L |
| | | Suspended Solids | | 30 | mg/L |
| | | Conductivity | | - | µS/cm |
| | | Faecal Coliforms | | - | cfu/100ml |
| | | Nitrate + Nitrite | | - | mg/L |
| | | Nitrogen (ammonia) | | - | mg/L |
| | | Phosphorus (total) | | - | mg/L |
| | | Total Kjeldhal Nitrogen | | - | mg/L |



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Monitoring Frequency - Monthly

| | Quantity | Measurement | Limit | Units |
|-----------|-------------------------|-------------|---------|-----------|
| | Chlorophyll 'a' | | - | µg/L |
| | Quantity | Measurement | Limit | Units |
| Sampled | Oil and Grease | | 10 | mg/L |
| Reported | pH | | 6.5-8.5 | - |
| Published | BOD | | 20 | mg/L |
| | Suspended Solids | | 30 | mg/L |
| | Conductivity | | - | µS/cm |
| | Faecal Coliforms | | - | cfu/100ml |
| | Nitrate + Nitrite | | - | mg/L |
| | Nitrogen (ammonia) | | - | mg/L |
| | Phosphorus (total) | | - | mg/L |
| | Total Kjeldhal Nitrogen | | - | mg/L |
| | Chlorophyll 'a' | | - | µg/L |
| | Quantity | Measurement | Limit | Units |
| Sampled | Oil and Grease | | 10 | mg/L |
| Reported | pH | | 6.5-8.5 | - |
| Published | BOD | | 20 | mg/L |
| | Suspended Solids | | 30 | mg/L |
| | Conductivity | | - | µS/cm |
| | Faecal Coliforms | | - | cfu/100ml |
| | Nitrate + Nitrite | | - | mg/L |
| | Nitrogen (ammonia) | | - | mg/L |
| | Phosphorus (total) | | - | mg/L |
| | Total Kjeldhal Nitrogen | | - | mg/L |
| | Chlorophyll 'a' | | - | µg/L |
| | Quantity | Measurement | Limit | Units |
| Sampled | Oil and Grease | | 10 | mg/L |
| Reported | pH | | 6.5-8.5 | - |
| Published | BOD | | 20 | mg/L |
| | Suspended Solids | | 30 | mg/L |
| | Conductivity | | - | µS/cm |
| | Faecal Coliforms | | - | cfu/100ml |
| | Nitrate + Nitrite | | - | mg/L |
| | Nitrogen (ammonia) | | - | mg/L |
| | Phosphorus (total) | | - | mg/L |
| | Total Kjeldhal Nitrogen | | - | mg/L |
| | Chlorophyll 'a' | | - | µg/L |
| | Quantity | Measurement | Limit | Units |
| Sampled | Oil and Grease | | 10 | mg/L |
| Reported | pH | | 6.5-8.5 | - |
| Published | BOD | | 20 | mg/L |



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Monitoring Frequency - Monthly

| | Quantity | Measurement | Limit | Units |
|-----------|-------------------------|-------------|---------|-----------|
| | Suspended Solids | | 30 | mg/L |
| | Conductivity | | - | µS/cm |
| | Faecal Coliforms | | - | cfu/100ml |
| | Nitrate + Nitrite | | - | mg/L |
| | Nitrogen (ammonia) | | - | mg/L |
| | Phosphorus (total) | | - | mg/L |
| | Total Kjeldhal Nitrogen | | - | mg/L |
| | Chlorophyll 'a' | | - | µg/L |
| | Quantity | Measurement | Limit | Units |
| Sampled | Oil and Grease | | 10 | mg/L |
| Reported | pH | | 6.5-8.5 | - |
| Published | BOD | | 20 | mg/L |
| | Suspended Solids | | 30 | mg/L |
| | Conductivity | | - | µS/cm |
| | Faecal Coliforms | | - | cfu/100ml |
| | Nitrate + Nitrite | | - | mg/L |
| | Nitrogen (ammonia) | | - | mg/L |
| | Phosphorus (total) | | - | mg/L |
| | Total Kjeldhal Nitrogen | | - | mg/L |
| | Chlorophyll 'a' | | - | µg/L |