



Delungra Sewage Treatment Plant

| Sampling Point: Discharge Point | | EPL No. 4114 | | | |
|---|------------|----------------------------------|-------------|---------|-----------|
| Licence Period 15 October 2020 to 14 October 2021 | | Licensee: Inverell Shire Council | | | |
| http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchchange=licence&range=POEO licence&prp=no&status=Issued | | 144 Otho Street, Inverell | | | |
| | | Monitoring Frequency - Monthly | | | |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 5/11/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 16/11/2020 | pH | 7.9 | 6.5-8.5 | - |
| Published | 24/11/2020 | BOD | 7 | 20 | mg/L |
| | | Suspended Solids | 16 | 30 | mg/L |
| | | Conductivity | 775 | - | µS/cm |
| | | Faecal Coliforms | ~190 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.16 | - | mg/L |
| | | Nitrogen (ammonia) | 5.88 | - | mg/L |
| | | Phosphorus (total) | 6.42 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 7.64 | - | mg/L |
| | | Chlorophyll 'a' | 12 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 1/12/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 14/12/2020 | pH | 8.9 | 6.5-8.5 | - |
| Published | 15/12/2020 | BOD | 14 | 20 | mg/L |
| | | Suspended Solids | 43 | 30 | mg/L |
| | | Conductivity | 810 | - | µS/cm |
| | | Faecal Coliforms | ~560 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.24 | - | mg/L |
| | | Nitrogen (ammonia) | 0.67 | - | mg/L |
| | | Phosphorus (total) | 4.87 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 5.16 | - | mg/L |
| | | Chlorophyll 'a' | 307 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 5/01/2021 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 14/01/2021 | pH | 8.2 | 6.5-8.5 | - |
| Published | 28/01/2021 | BOD | 12 | 20 | mg/L |
| | | Suspended Solids | 48 | 30 | mg/L |
| | | Conductivity | 629 | - | µS/cm |
| | | Faecal Coliforms | 5100 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.19 | - | mg/L |
| | | Nitrogen (ammonia) | 3.41 | - | mg/L |
| | | Phosphorus (total) | 6.63 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 6.31 | - | mg/L |
| | | Chlorophyll 'a' | 371 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 2/02/2021 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 9/02/2021 | pH | 8.7 | 6.5-8.5 | - |
| Published | 15/02/2021 | BOD | 15 | 20 | mg/L |
| | | Suspended Solids | 35 | 30 | mg/L |
| | | Conductivity | 618 | - | µS/cm |
| | | Faecal Coliforms | 4000 | - | cfu/100ml |



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144 Otho Street, Inverell

Monitoring Frequency - Monthly

| | Quantity | Measurement | Limit | Units |
|-----------|-------------------------|-------------|---------|-----------|
| | Nitrate + Nitrite | 0.05 | - | mg/L |
| | Nitrogen (ammonia) | 0.67 | - | mg/L |
| | Phosphorus (total) | 5.98 | - | mg/L |
| | Total Kjeldhal Nitrogen | 5.75 | - | mg/L |
| | Chlorophyll 'a' | 278 | - | 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 |
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| | 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 |
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| 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 | |



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| | 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 |