



Delungra Sewage Treatment Plant

| Sampling Point: Discharge Point | | EPL No. 4114 | | | |
|---|------------|----------------------------------|-------------|----------|-------------|
| Licence Period 15 October 2019 to 14 October 2020 | | Licensee: Inverell Shire Council | | | |
| https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued | | 144 Otho Street, Inverell | | | |
| | | Monitoring Frequency - Monthly | | | |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 12/11/2019 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 25/11/2019 | pH | 8.3 | 6.5-8.5 | - |
| Published | 26/11/2019 | BOD | 6 | 20 | mg/L |
| | | Suspended Solids | 13 | 30 | mg/L |
| | | Conductivity | 1027 | - | µS/cm |
| | | Faecal Coliforms | 600 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.24 | - | mg/L |
| | | Nitrogen (ammonia) | 1.5 | - | mg/L |
| | | Phosphorus (total) | 6.77 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 3.86 | - | mg/L |
| | | Chlorophyll 'a' | 13 | - | µg/L |
| | | | | Quantity | Measurement |
| Sampled | 3/12/2019 | Oil and Grease | 23 | 10 | mg/L |
| Reported | 12/12/2019 | pH | 8.4 | 6.5-8.5 | - |
| Published | 17/12/2019 | BOD | 6 | 20 | mg/L |
| | | Suspended Solids | 24 | 30 | mg/L |
| | | Conductivity | 1076 | - | µS/cm |
| | | Faecal Coliforms | 430 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.08 | - | mg/L |
| | | Nitrogen (ammonia) | 1.1 | - | mg/L |
| | | Phosphorus (total) | 6.26 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 3.92 | - | mg/L |
| | | Chlorophyll 'a' | 38 | - | µg/L |
| | | | | Quantity | Measurement |
| Sampled | 7/01/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 7/01/2020 | pH | 8.9 | 6.5-8.5 | - |
| Published | 23/01/2020 | BOD | 17 | 20 | mg/L |
| | | Suspended Solids | 107 | 30 | mg/L |
| | | Conductivity | 1173 | - | µS/cm |
| | | Faecal Coliforms | 670 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.02 | - | mg/L |
| | | Nitrogen (ammonia) | <0.1 | - | mg/L |
| | | Phosphorus (total) | 8.33 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 6.38 | - | mg/L |
| | | Chlorophyll 'a' | 334 | - | µg/L |
| | | | | Quantity | Measurement |
| Sampled | 4/02/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 13/02/2020 | pH | 8.3 | 6.5-8.5 | - |
| Published | 17/02/2020 | BOD | 10 | 20 | mg/L |
| | | Suspended Solids | 59 | 30 | mg/L |
| | | Conductivity | 1088 | - | µS/cm |



Delungra Sewage Treatment Plant

| Sampling Point: Discharge Point | | EPL No. 4114 | | | |
|---|------------|----------------------------------|-------------|---------|-----------|
| Licence Period 15 October 2019 to 14 October 2020 | | Licensee: Inverell Shire Council | | | |
| https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued | | 144 Otho Street, Inverell | | | |
| | | Monitoring Frequency - Monthly | | | |
| | | Quantity | Measurement | Limit | Units |
| | | Faecal Coliforms | 1600 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.09 | - | mg/L |
| | | Nitrogen (ammonia) | 1.1 | - | mg/L |
| | | Phosphorus (total) | 10.6 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 6.01 | - | mg/L |
| | | Chlorophyll 'a' | 116 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 3/03/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 13/03/2020 | pH | 8.6 | 6.5-8.5 | - |
| Published | 20/03/2020 | BOD | 7 | 20 | mg/L |
| | | Suspended Solids | 17 | 30 | mg/L |
| | | Conductivity | 842 | - | µS/cm |
| | | Faecal Coliforms | ~160 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.04 | - | mg/L |
| | | Nitrogen (ammonia) | <0.1 | - | mg/L |
| | | Phosphorus (total) | 7.34 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 2.56 | - | mg/L |
| | | Chlorophyll 'a' | 50 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 7/04/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 21/04/2020 | pH | 8.2 | 6.5-8.5 | - |
| Published | 22/04/2020 | BOD | 6 | 20 | mg/L |
| | | Suspended Solids | 30 | 30 | mg/L |
| | | Conductivity | 781 | - | µS/cm |
| | | Faecal Coliforms | 1900 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.06 | - | mg/L |
| | | Nitrogen (ammonia) | <0.01 | - | mg/L |
| | | Phosphorus (total) | 8.28 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 4.14 | - | mg/L |
| | | Chlorophyll 'a' | 156 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 5/05/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 12/05/2020 | pH | 8.2 | 6.5-8.5 | - |
| Published | 13/05/2020 | BOD | 7 | 20 | mg/L |
| | | Suspended Solids | 14 | 30 | mg/L |
| | | Conductivity | 780 | - | µS/cm |
| | | Faecal Coliforms | 1,100 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.04 | - | mg/L |
| | | Nitrogen (ammonia) | 0.2 | - | mg/L |
| | | Phosphorus (total) | 7.91 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 2.76 | - | mg/L |



Delungra Sewage Treatment Plant

| Sampling Point: Discharge Point | | EPL No. 4114 | | | |
|---|------------|----------------------------------|--------------------|--------------|--------------|
| Licence Period 15 October 2019 to 14 October 2020 | | Licensee: Inverell Shire Council | | | |
| | | 144 Otho Street, Inverell | | | |
| https://apps.epa.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 |
| | | Chlorophyll 'a' | 88 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 2/06/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 17/06/2020 | pH | 8 | 6.5-8.5 | - |
| Published | 23/06/2020 | BOD | <2 | 20 | mg/L |
| | | Suspended Solids | 4 | 30 | mg/L |
| | | Conductivity | 747 | - | µS/cm |
| | | Faecal Coliforms | 520 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.11 | - | mg/L |
| | | Nitrogen (ammonia) | 0.46 | - | mg/L |
| | | Phosphorus (total) | 4.89 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 1.49 | - | mg/L |
| | | Chlorophyll 'a' | 4 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 7/07/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 17/07/2020 | pH | 8 | 6.5-8.5 | - |
| Published | 24/07/2020 | BOD | 3 | 20 | mg/L |
| | | Suspended Solids | <5 | 30 | mg/L |
| | | Conductivity | 702 | - | µS/cm |
| | | Faecal Coliforms | 750 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.45 | - | mg/L |
| | | Nitrogen (ammonia) | 0.6 | - | mg/L |
| | | Phosphorus (total) | 4.12 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 1.75 | - | mg/L |
| | | Chlorophyll 'a' | 6 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 4/08/2020 | Oil and Grease | 11 | 10 | mg/L |
| Reported | 14/08/2020 | pH | 8.5 | 6.5-8.5 | - |
| Published | 21/08/2020 | BOD | 6 | 20 | mg/L |
| | | Suspended Solids | 14 | 30 | mg/L |
| | | Conductivity | 697 | - | µS/cm |
| | | Faecal Coliforms | 130 | - | cfu/100ml |
| | | Nitrate + Nitrite | 0.55 | - | mg/L |
| | | Nitrogen (ammonia) | <0.1 | - | mg/L |
| | | Phosphorus (total) | 2.59 | - | mg/L |
| | | Total Kjeldhal Nitrogen | 1.95 | - | mg/L |
| | | Chlorophyll 'a' | 130 | - | µg/L |
| | | Quantity | Measurement | Limit | Units |
| Sampled | 1/09/2020 | Oil and Grease | <5 | 10 | mg/L |
| Reported | 10/09/2020 | pH | 8.5 | 6.5-8.5 | - |
| Published | 17/09/2020 | BOD | 5 | 20 | mg/L |



Delungra Sewage Treatment Plant

| | | | | |
|---|------------|---|--------------------|--------------|
| Sampling Point: Discharge Point | | EPL No. 4114 | | |
| Licence Period 15 October 2019 to 14 October 2020 | | Licensee: Inverell Shire Council | | |
| https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued | | 144 Otho Street, Inverell | | |
| | | Monitoring Frequency - Monthly | | |
| | | Quantity | Measurement | Limit |
| | | | | Units |
| | | Suspended Solids | 25 | 30 |
| | | Conductivity | 678 | - |
| | | Faecal Coliforms | 380 | - |
| | | Nitrate + Nitrite | 0.5 | - |
| | | Nitrogen (ammonia) | 0.5 | - |
| | | Phosphorus (total) | 4.1 | - |
| | | Total Kjeldhal Nitrogen | 2.5 | - |
| | | Chlorophyll 'a' | 56 | - |
| | | | | |
| | | Quantity | Measurement | Limit |
| | | | | Units |
| Sampled | 6/10/2020 | Oil and Grease | <5 | 10 |
| Reported | 11/11/2020 | pH | 8 | 6.5-8.5 |
| Published | 19/11/2020 | BOD | 3 | 20 |
| | | Suspended Solids | 19 | 30 |
| | | Conductivity | 775 | - |
| | | Faecal Coliforms | 450 | - |
| | | Nitrate + Nitrite | 1.36 | - |
| | | Nitrogen (ammonia) | 4.15 | - |
| | | Phosphorus (total) | 4.4 | - |
| | | Total Kjeldhal Nitrogen | 6.04 | - |
| | | Chlorophyll 'a' | 45 | - |