



SHORTLAND WASTEWATER TREATMENT WORKS - MAY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 8 June 2017
 Date Published: 19 June 2017

Licensee
 Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

| EPA Id. No. 20 Site Code 5SL1810 | | Site Description -Shortland WWTW dechlorination building | | | | | | | | | | |
|---------------------------------------|---------------------------------|--|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting | Monthly Summary 1 May 2017 to 31 May 2017 | | | | | | | | |
| | | | | Minimum | Mean Value | Median Value | Maximum | 3DGM Limit | 3DGM Actual | 100%ile Limit | 100%ile Actual | Within Limits |
| Biochemical Oxygen Demand | milligrams per litre | Special Frequency 1 | 4 | <2 | 3 | 3 | 3 | N/A | N/A | N/A | N/A | N/A |
| Chlorine (free residual) | milligrams per litre | Special Frequency 1 | 4 | <0.10 | <0.10 | <0.10 | <0.10 | N/A | N/A | N/A | N/A | N/A |
| Faecal Coliforms | colony forming units per 100 mL | Special Frequency 1 | 4 | 2 | 2 | 2 | 2 | N/A | N/A | N/A | N/A | N/A |
| Nitrate + Nitrite (oxidised nitrogen) | milligrams per litre | Special Frequency 1 | 4 | 8.7 | 14.1 | 10.5 | 26.5 | N/A | N/A | N/A | N/A | N/A |
| Nitrogen (ammonia) | milligrams per litre | Special Frequency 1 | 4 | <0.05 | 1.4 | 0.4 | 4.5 | N/A | N/A | N/A | N/A | N/A |
| Oil and Grease | milligrams per litre | Special Frequency 1 | 4 | <2 | <2 | <2 | <2 | N/A | N/A | N/A | N/A | N/A |
| pH | pH | Special Frequency 1 | 4 | 6.74 | 6.88 | 6.86 | 7.05 | N/A | N/A | 6.50 - 8.50 | 6.74 - 7.05 | Yes |
| Phosphorus (total) | milligrams per litre | Special Frequency 1 | 4 | 1.4 | 4.0 | 3.1 | 8.5 | N/A | N/A | N/A | N/A | N/A |
| Total Suspended Solids | milligrams per litre | Special Frequency 1 | 4 | <1 | 12 | 10 | 26 | N/A | N/A | N/A | N/A | N/A |

| EPA Id. No. 18 Site Code 5OV1800 | | Site Description -Shortland WWTW overflow | | | | | | | | | | |
|-------------------------------------|---------------------------------|---|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting # | Monthly Summary 1 May 2017 to 31 May 2017 | | | | | | | | |
| | | | | Minimum | Mean Value | Median Value | Maximum | 3DGM Limit | 3DGM Actual | 100%ile Limit | 100%ile Actual | Within Limits |
| Biochemical Oxygen Demand | milligrams per litre | Daily during any discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Faecal Coliforms | colony forming units per 100 mL | Daily during any discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Nitrogen (ammonia) | milligrams per litre | Daily during any discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| pH | pH | Daily during any discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Total Suspended Solids | milligrams per litre | Daily during any discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |

No samples were collected as no discharge occurred during the month