



SHORTLAND WASTEWATER TREATMENT WORKS - MARCH MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 8th April 2016
 Date Published: 21 April 2016

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 March 2016 to 31 March 2016 | | | | | | | | |
| | | | | 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 | 1 | <2 | <2 | <2 | <2 | N/A | N/A | 80 | <2 | Yes |
| Faecal Coliforms | colony forming units per 100 mL | Special Frequency 1 | 1 | 5 | 5 | 5 | 5 | N/A | N/A | N/A | N/A | N/A |
| Nitrate + Nitrite (oxidised nitrogen) | milligrams per litre | Special Frequency 1 | 1 | 4.5 | 4.5 | 4.5 | 4.5 | N/A | N/A | N/A | N/A | N/A |
| Nitrogen (ammonia) | milligrams per litre | Special Frequency 1 | 1 | 6.4 | 6.4 | 6.4 | 6.4 | N/A | N/A | N/A | N/A | N/A |
| Oil and Grease | milligrams per litre | Special Frequency 1 | 1 | <2 | <2 | <2 | <2 | N/A | N/A | N/A | N/A | N/A |
| pH | pH | Special Frequency 1 | 1 | 7.1 | 7.1 | 7.1 | 7.1 | N/A | N/A | 6.5 - 8.5 | 7.1 - 7.1 | Yes |
| Phosphorus (total) | milligrams per litre | Special Frequency 1 | 1 | 5.7 | 5.7 | 5.7 | 5.7 | N/A | N/A | N/A | N/A | N/A |
| Total Suspended Solids | milligrams per litre | Special Frequency 1 | 1 | 19 | 19 | 19 | 19 | N/A | N/A | 100 | 19 | Yes |

| 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 March 2016 to 31 March 2016 | | | | | | | | |
| | | | | 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 |
| 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