



SHORTLAND WASTEWATER TREATMENT WORKS - APRIL MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 5 May 2014
 Date Published: 19 May 2014

Licensee
 Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

| EPA Id. No. 19 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 April 2014 to 30 April 2014 | | | | | | | | |
| | | | | Minimum | Mean Value | Median Value | Maximum | 3DGM Limit | 3DGM Actual | 100%ile Limit | 100%ile Actual | Within Limits |
| Biochemical Oxygen Demand | milligrams per litre | Weekly | 5 | <2 | <2 | <2 | <2 | N/A | N/A | 80 | <2 | Yes |
| Faecal Coliforms | colony forming units per 100 mL | Monthly | 1 | <2 | <2 | <2 | <2 | N/A | N/A | N/A | N/A | N/A |
| Nitrate + Nitrite (oxidised nitrogen) | milligrams per litre | Monthly | 1 | 9.40 | 9.40 | 9.40 | 9.40 | N/A | N/A | N/A | N/A | N/A |
| Nitrogen (ammonia) | milligrams per litre | Monthly | 1 | 0.09 | 0.09 | 0.09 | 0.09 | N/A | N/A | N/A | N/A | N/A |
| Oil and Grease | milligrams per litre | Fortnightly | 2 | <5 | <5 | <5 | <5 | N/A | N/A | N/A | N/A | N/A |
| pH | pH | Weekly | 5 | 6.92 | 7.06 | 7.00 | 7.16 | N/A | N/A | 6.50 - 8.50 | 6.92 - 7.16 | Yes |
| Phosphorus (total) | milligrams per litre | Monthly | 1 | 1.20 | 1.20 | 1.20 | 1.20 | N/A | N/A | N/A | N/A | N/A |
| Total Suspended Solids | milligrams per litre | Weekly | 5 | <1 | 1 | 1 | 3 | N/A | N/A | 100 | 3 | 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 April 2014 to 30 April 2014 | | | | | | | | |
| | | | | 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 overflow occurred during the month