



KURRI KURRI WASTEWATER TREATMENT WORKS - FEBRUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
 Date Obtained: 3 March 2016
 Date Published: 22 March 2016

Licensee Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

| EPA Id. No. 2 Site Code 5DE3005 | | Site Description - In UV Disinfection Channel following UV Treatment | | | | | | | | | | |
|------------------------------------|---------------------------------|--|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting | Monthly Summary 1 February 2016 to 29 February 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 | Weekly | 4 | <2 | 3 | 3 | 6 | N/A | N/A | 45 | 6 | 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 |
| Nitrogen (ammonia) | milligrams per litre | Monthly | 1 | <0.05 | <0.05 | <0.05 | <0.05 | N/A | N/A | N/A | N/A | N/A |
| Nitrogen (total) | milligrams per litre | Monthly | 1 | 6.6 | 6.6 | 6.6 | 6.6 | N/A | N/A | N/A | N/A | N/A |
| Oil and Grease | milligrams per litre | Fortnightly | 2 | <2 | <2 | <2 | <2 | N/A | N/A | N/A | N/A | N/A |
| Phosphorus (total) | milligrams per litre | Weekly | 4 | 0.290 | 1.043 | 0.940 | 2.000 | N/A | N/A | N/A | N/A | N/A |
| Total Suspended Solids | milligrams per litre | Weekly | 4 | <1 | 4 | 4 | 9 | N/A | N/A | 70 | 9 | Yes |
| pH | pH | Weekly | 4 | 7.6 | 7.7 | 7.6 | 7.9 | N/A | N/A | 6.5 - 8.5 | 7.6 - 7.9 | Yes |

| EPA Id. No. 1 Site Code 5OV1000 | | Site Description - Pipe from No.3 Maturation Pond | | | | | | | | | | |
|------------------------------------|----------------------|---|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting | Monthly Summary 1 February 2016 to 29 February 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 |
| Chlorophyll a | micrograms 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 |
| Nitrogen (total) | milligrams per litre | Daily during any Discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Oil and Grease | milligrams per litre | Daily during any Discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Phosphorus (total) | milligrams per litre | 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 |
| pH | pH | Daily during any Discharge | - | - | - | - | - | N/A | N/A | N/A | N/A | N/A |