



## KURRI KURRI WASTEWATER TREATMENT WORKS - OCTOBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767  
 Date Obtained: 5 November 2012  
 Date Published: 19 November 2012

**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 October 2012 to 31 October 2012								
				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	3	N/A	N/A	45	3	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	1	0	0	0	0	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.23	0.23	0.23	0.23	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	6.20	6.20	6.20	6.20	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
Phosphorus (total)	milligrams per litre	Weekly	5	<0.05	0.05	<0.05	0.07	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	5	2	4	5	6	N/A	N/A	70	6	Yes
pH	pH	Weekly	5	7.13	7.47	7.31	8.29	N/A	N/A	6.50 - 8.50	7.13 - 8.29	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 October 2012 to 31 October 2012								
				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