



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

Environment Protection Licence No. 1767  
 Date Obtained: 8 May 2012  
 Date Published: 28 June 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	Monthly Summary 1 April 2012 to 30 April 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	<2	2	2	3	N/A	N/A	45	3	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	0	0	0	0	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	0.14	0.14	0.14	0.14	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	6.10	6.10	6.10	6.10	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Weekly	<0.05	0.07	0.07	0.10	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	1	4	2	8	N/A	N/A	70	8	Yes
pH	pH	Weekly	7.14	7.30	7.29	7.50	N/A	N/A	6.50 - 8.50	7.14 - 7.5	Yes

EPA Id. No. 1 Site Code 5OV1000		Site Description - Pipe from No.3 Maturation Pond									
Pollutant	Unit of Measurement	Sampling Frequency	Monthly Summary 1 April 2012 to 30 April 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	13	13	13	13	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	micrograms per litre	Daily during any Discharge	267	267	267	267	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any Discharge	3.20	3.20	3.20	3.20	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Daily during any Discharge	8.60	8.60	8.60	8.60	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Daily during any Discharge	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Daily during any Discharge	1.10	1.10	1.10	1.10	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any Discharge	67	67	67	67	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any Discharge	6.98	6.98	6.98	6.98	N/A	N/A	N/A	N/A	N/A