



KURRI KURRI WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
 Date Obtained: 2 October 2012
 Date Published: 15 October 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 September 2012 to 30 September 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	<2	N/A	N/A	45	<2	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	0.07	0.07	0.07	0.07	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	4.30	4.30	4.30	4.30	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	2	4	4	5	N/A	N/A	70	5	Yes
pH	pH	Weekly	7.16	7.49	7.33	8.14	N/A	N/A	6.50 - 8.50	7.16 - 8.14	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 September 2012 to 30 September 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