

KURRI KURRI WASTEWATER TREATMENT WORKS - MAY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
 Date Obtained: 6 June 2012
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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 May 2012 to 31 May 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
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	1.20	1.20	1.20	1.20	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	3.10	3.10	3.10	3.10	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	0.06	0.05	0.09	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	1	3	3	6	N/A	N/A	70	6	Yes
pH	pH	Weekly	7.07	7.19	7.20	7.29	N/A	N/A	6.50 - 8.50	7.07 - 7.29	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 May 2012 to 31 May 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
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