



KURRI KURRI WASTEWATER TREATMENT WORKS - JANUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
 Date Obtained: 11 February 2013
 Date Published: 21 February 2013

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 January 2013 to 31 January 2013									
				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	4	3	8	N/A	N/A	45	8	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	7.00	7.00	7.00	7.00	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Fortnightly	3	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Weekly	5	0.03	0.03	0.03	0.04	N/A	N/A	N/A	N/A	N/A	
Total Suspended Solids	milligrams per litre	Weekly	5	<1	2	2	3	N/A	N/A	70	3	Yes	
pH	pH	Weekly	5	6.93	7.22	7.28	7.60	N/A	N/A	6.50 - 8.50	6.93 - 7.60	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 January 2013 to 31 January 2013									
				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	2	3	5	5	7	N/A	N/A	N/A	N/A	N/A	
Chlorophyll a	micrograms per litre	Daily during any Discharge	2	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Daily during any Discharge	2	1.80	1.85	1.85	1.90	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Daily during any Discharge	2	8.40	9.50	9.50	10.60	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Daily during any Discharge	2	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Daily during any Discharge	2	0.73	0.82	0.82	0.90	N/A	N/A	N/A	N/A	N/A	
Total Suspended Solids	milligrams per litre	Daily during any Discharge	2	14	23	23	32	N/A	N/A	N/A	N/A	N/A	
pH	pH	Daily during any Discharge	2	6.8	6.84	6.84	6.88	N/A	N/A	N/A	N/A	N/A	