



KURRI KURRI WASTEWATER TREATMENT WORKS - JANUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
 Date Obtained: 4 February 2015
 Date Published: 19 February 2015

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 2015 to 30 January 2015								
				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	4	<2	2	2	3	N/A	N/A	45	3	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	0.06	0.06	0.06	0.06	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	7.50	7.50	7.50	7.50	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	4	0.04	0.05	0.05	0.06	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	2	1	3	N/A	N/A	70	3	Yes
pH	pH	Weekly	4	7.10	7.28	7.30	7.40	N/A	N/A	6.50 - 8.50	7.10 - 7.40	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 2015 to 30 January 2015								
				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	1	13	13	13	13	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	micrograms per litre	Daily during any Discharge	1	75.9	75.9	75.9	75.9	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any Discharge	1	5.4	5.4	5.4	5.4	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Daily during any Discharge	1	11.8	11.8	11.8	11.8	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Daily during any Discharge	1	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Daily during any Discharge	1	1.3	1.3	1.3	1.3	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any Discharge	1	47	47	47	47	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any Discharge	1	7	7	7	7	N/A	N/A	N/A	N/A	N/A