KURRI KURRI WASTEWATER TREATMENT WORKS - ANNUAL POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
Date Obtained: 7 January 2015
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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													
				Annual Summary 1 January 2014 to 30 December 2014										
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Minimum	Maximum	50%ile Limit	50%ile Actual	90%ile Limit	90%ile Actual	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Weekly	52	<2	6	20	<2	35	2	N/A	N/A	45	6	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	12	<2	43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	12	<0.05	2.70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	12	3.30	8.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	26	<5	<5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Weekly	52	0.03	0.13	N/A	N/A	2.00	0.09	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	52	<1	12	25	<1	50	3	N/A	N/A	70	12	Yes
pH	pH	Weekly	52	6.80	8.10	N/A	N/A	N/A	N/A	N/A	N/A	6.50 - 8.50	6.8-8.1	Yes

EPA Id. No. 1 Site Code 5OV1000	Site Description - Pipe from No.3 Maturation Pond													
				Annual Summary 1 January 2014 to 30 December 2014										
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Minimum	Maximum	50%ile Limit	50%ile Actual	90%ile Limit	90%ile Actual	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Daily during any Discharge	3	8	22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	micrograms per litre	Daily during any Discharge	3	14	29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any Discharge	3	3.5	5.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Daily during any Discharge	3	10.0	14.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Daily during any Discharge	3	<5	<5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Daily during any Discharge	3	1.2	1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any Discharge	3	47	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any Discharge	3	6.72	7.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A