



KURRI KURRI WASTEWATER TREATMENT WORKS - ANNUAL POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1767
 Date Obtained: 2 January 2018
 Date Published: 22 January 2018

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 period for licence reporting	Annual Summary 1 January 2017 to 31 December 2017											
				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	5	20	2	35	3	N/A	N/A	45	5	Yes	
Faecal Coliforms	colony forming units per 100 mL	Monthly	12	2	1600	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	1.3	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	5.3	18.1	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	<2	3	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	0.029	0.43	N/A	N/A	2	0.21	N/A	N/A	N/A	N/A	Yes	
Total Suspended Solids	milligrams per litre	Weekly	52	<1	10	25	1	50	6	N/A	N/A	70	8	Yes	
pH	pH	Weekly	52	6.97	7.62	N/A	N/A	N/A	N/A	N/A	N/A	6.50 - 8.50	6.97 - 7.62	Yes	

Note: There was an ammendment to the EPL on 10 July 2017.

EPA Id. No. 1 Site Code 5OV1000		Site Description - Outlet from Storm Storage Pond													
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the period for licence reporting #	Annual Summary 1 January 2017 to 31 December 2017											
				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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	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	-	-	-	N/A	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A	

No samples were collected as no overflow occurred during the Annual Return period.

VOLUME MONITORING

Monthly Summary 1 January 2017 to 31 December 2017						
Monitoring Point	Unit of Measurement	Sampling Frequency	No. of times measured during the Year	Maximum	Volume Limit	Within Limits?
Point 1 - Outlet from Storm Storage Pond	kilolitres per day	Daily	365	0	N/A	N/A
Point 2 - In UV Disinfection Channel following UV Treatment	kilolitres per day	Daily	365	15,217	38,000	Yes