



KEARSLEY WASTEWATER TREATMENT WORKS - MARCH MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 5 April 2017
 Date Published: 20 April 2017

Licensee Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

EPA Id. No. 1 Site Code 5SL2600		Site Description - Discharge from No.2 Oxidation Pond											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Monthly Summary 1 March 2017 to 31 March 2017									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
pH	pH	Weekly	5	7.47	8.45	8.75	9.00	N/A	N/A	N/A	N/A	N/A	
Biochemical Oxygen Demand	milligrams per litre	Weekly	5	32	43	44	53	N/A	N/A	60	53	Yes	
Total Suspended Solids	milligrams per litre	Weekly	5	64	96	106	118	N/A	N/A	70	118 *	Yes *	
Chlorophyll a	micrograms per litre	Weekly	5	493	596	574	692	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Monthly	1	3.6	3.6	3.6	3.6	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Monthly	1	14.6	14.6	14.6	14.6	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Monthly	1	3	3	3	3	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Monthly	1	8.0	8.0	8.0	8.0	N/A	N/A	N/A	N/A	N/A	

*The licensee is not taken to have exceeded a quality limit specified in this licence for pH, BOD or TSS if the licensee shows that the level of chlorophyll-a in the oxidation ponds during any exceedance was 100 ug/L or more (showing that the exceedance was caused by excessive algal growth).