



KEARSLEY WASTEWATER TREATMENT WORKS - OCTOBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 31 October 2017
 Date Published: 17 November 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 October 2017 to 31 October 2017									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	19	33	26	60	N/A	N/A	60	60	Yes *	
Chlorophyll a	micrograms per litre	Weekly	4	204	520	428	1020	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Monthly	1	4.7	4.7	4.7	4.7	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Monthly	1	12.7	12.7	12.7	12.7	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Monthly	1	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A	
pH	pH	Weekly	4	8.05	8.88	8.94	9.60	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Monthly	1	7.1	7.1	7.1	7.1	N/A	N/A	N/A	N/A	N/A	
Total Suspended Solids	milligrams per litre	Weekly	4	33	71	57	138	N/A	N/A	70	138	Yes *	

*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).