



KEARSLEY WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 6 October 2015
 Date Published: 26 October 2015

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 September 2015 to 30 September 2015									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
pH	pH	Weekly	5	7.70	8.12	7.80	9.00	N/A	N/A	N/A	N/A	N/A	
Biochemical Oxygen Demand	milligrams per litre	Weekly	5	6	14	11	26	N/A	N/A	60	26	Yes	
Total Suspended Solids	milligrams per litre	Weekly	5	2	21	11	70	N/A	N/A	70	70	Yes	
Chlorophyll a	micrograms per litre	Weekly	5	11	304	25	1330	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Monthly	1	19.90	19.90	19.90	19.90	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Monthly	1	26.5	26.5	26.5	26.5	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Monthly	1	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Monthly	1	6.80	6.80	6.80	6.80	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).