



KEARSLEY WASTEWATER TREATMENT WORKS - DECEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 2 January 2013
 Date Published: 14 January 2013

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 December 2012 to 31 December 2012									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
pH	pH	Weekly	4	9.22	9.47	9.49	9.70	N/A	N/A	N/A	N/A	N/A	
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	8	14	15	18	N/A	N/A	60	18	Yes	
Total Suspended Solids	milligrams per litre	Weekly	4	10	63	60	123	N/A	N/A	70	123	Yes*	
Chlorophyll a	micrograms per litre	Weekly	4	82	560	484	1190	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Monthly	1	1.60	1.60	1.60	1.60	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Monthly	1	7.84	7.84	7.84	7.84	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	4.20	4.20	4.20	4.20	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).