



KEARSLEY WASTEWATER TREATMENT WORKS - MAY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 3 June 2013
 Date Published: 13 June 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 May 2013 to 31 May 2013									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
pH	pH	Weekly	5	7.39	8.44	8.55	9.00	N/A	N/A	N/A	N/A	N/A	
Biochemical Oxygen Demand	milligrams per litre	Weekly	5	12	23	22	31	N/A	N/A	60	31	Yes*	
Total Suspended Solids	milligrams per litre	Weekly	5	21	57	49	88	N/A	N/A	70	88	Yes*	
Chlorophyll a	micrograms per litre	Weekly	5	60	468	523	838	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Monthly	1	3.00	3.00	3.00	3.00	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Monthly	1	14.97	14.97	14.97	14.97	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	5.70	5.70	5.70	5.70	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).