



KEARSLEY WASTEWATER TREATMENT WORKS - APRIL MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 29 April 2013
 Date Published: 13 May 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 April 2013 to 30 April 2013								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
pH	pH	Weekly	4	7.73	8.47	8.53	9.08	N/A	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	38	58	43	109	N/A	N/A	60	109	Yes*
Total Suspended Solids	milligrams per litre	Weekly	4	120	482	194	1420	N/A	N/A	70	1420	Yes*
Chlorophyll a	micrograms per litre	Weekly	4	155	3031	1960	8050	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.87	0.87	0.87	0.87	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	31.71	31.71	31.71	31.71	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	8.60	8.60	8.60	8.60	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)