



## KEARSLEY WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232

Date Obtained: 2 October 2012

Date Published: 15 October 2012

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	Monthly Summary 1 September 2012 to 30 September 2012								
			Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
pH	pH	Weekly	7.82	8.19	8.04	8.88	N/A	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	2	10	3	34	N/A	N/A	60	34	Yes
Total Suspended Solids	milligrams per litre	Weekly	6	28	10	86	N/A	N/A	70	86	Yes
Chlorophyll a	micrograms per litre	Weekly	14	191	45	659	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	18.50	18.50	18.50	18.50	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	27.07	27.07	27.07	27.07	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Monthly	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Monthly	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).