



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

Environment Protection Licence No. 3232  
 Date Obtained: 5 January 2015  
 Date Published: 16 January 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 December 2014 to 30 December 2014								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits *
pH	pH	Weekly	5	9.00	9.14	9.10	9.40	N/A	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	5	31	43	45	50	N/A	N/A	60	50	Yes
Total Suspended Solids	milligrams per litre	Weekly	5	58	112	140	154	N/A	N/A	70	154	Yes
Chlorophyll a	micrograms per litre	Weekly	5	252	717	680	1010	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.96	0.96	0.96	0.96	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	9.97	9.97	9.97	9.97	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	5.20	5.20	5.20	5.20	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).