



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

Environment Protection Licence No. 3232  
 Date Obtained: 30 May 2016  
 Date Published: 20 June 2016

**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 2016 to 31 May 2016								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
pH	pH	Weekly	4	8.2	8.5	8.5	8.7	N/A	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	15	42	33	86	N/A	N/A	60	86	Yes*
Total Suspended Solids	milligrams per litre	Weekly	4	76	127	96	238	N/A	N/A	70	238	Yes*
Chlorophyll a	micrograms per litre	Weekly	4	926	1366	1124	2290	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	5.0	5.0	5.0	5.0	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	12.0	12.0	12.0	12.0	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Monthly	1	3	3	3	3	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Monthly	1	7.5	7.5	7.5	7.5	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).