



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

Environment Protection Licence No. 3232  
 Date Obtained: 1 May 2017  
 Date Published: 18 May 2017

**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 2017 to 30 April 2017									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	23	46	52	57	N/A	N/A	60	57	Yes *	
Chlorophyll a	micrograms per litre	Weekly	4	285	1043	823	2240	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Monthly	1	9.6	9.6	9.6	9.6	N/A	N/A	N/A	N/A	N/A	
Nitrogen (total)	milligrams per litre	Monthly	1	26.3	26.3	26.3	26.3	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Monthly	1	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A	
pH	pH	Weekly	4	7.76	8.20	8.23	8.57	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Monthly	1	10.4	10.4	10.4	10.4	N/A	N/A	N/A	N/A	N/A	
Total Suspended Solids	milligrams per litre	Weekly	4	39	82	73	144	N/A	N/A	70	144	Yes *	

\*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).