

KEARSLEY WASTEWATER TREATMENT WORKS - APRIL MONTHLY POLLUTION MONITORING SUMMARY



Environment Protection Licence No. 3232
 Date Obtained: 2 May 2012
 Date Published: 28 June 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 April 2012 to 30 April 2012								
			Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
pH	pH	Weekly	8.53	9.06	9.07	9.55	N/A	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	18	42	39	74	N/A	N/A	60	74	Yes*
Total Suspended Solids	milligrams per litre	Weekly	36	170	139	366	N/A	N/A	70	366	Yes*
Chlorophyll a	micrograms per litre	Weekly	196	944	985	1610	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	0.20	0.20	0.20	0.20	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	11.06	11.06	11.06	11.06	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	2.30	2.30	2.30	2.30	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).