



KEARSLEY WASTEWATER TREATMENT WORKS - JULY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 1 August 2016
 Date Published: 19 September 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 July 2016 to 31 July 2016								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
pH	pH	Weekly	4	7.6	7.8	7.7	8.0	N/A	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	12	18	17	27	N/A	N/A	60	27	Yes *
Total Suspended Solids	milligrams per litre	Weekly	4	22	29	30	34	N/A	N/A	70	34	Yes *
Chlorophyll a	micrograms per litre	Weekly	4	23.5	113	112	205	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	11.6	11.6	11.6	11.6	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	15.3	15.3	15.3	15.3	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	5.2	5.2	5.2	5.2	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).

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Pollutant	Unit of Measurement	Measurement	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason
pH	pH	100%ile Limit	6.5 - 8.5	N/A	15/09/2016		Data Entry Error
pH	pH	100%ile Actual	7.6 - 8.0	N/A	15/09/2016		Data Entry Error
pH	pH	Within Limits	Yes*	N/A	15/09/2016		Data Entry Error