



KEARSLEY WASTEWATER TREATMENT WORKS - FEBRUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3232
 Date Obtained: 2 March 2015
 Date Published: 20 March 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 February 2015 to 28 February 2015							
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual
pH	pH	Weekly	4	8.50	9.18	9.30	9.60	N/A	N/A	N/A	N/A
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	19	24	22	34	N/A	N/A	60	34
Total Suspended Solids	milligrams per litre	Weekly	4	58	70	70	82	N/A	N/A	70	82
Chlorophyll a	micrograms per litre	Weekly	4	346	391	393	432	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	1.20	1.20	1.20	1.20	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	3.62	3.62	3.62	3.62	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
Phosphorus (total)	milligrams per litre	Monthly	1	5.20	5.20	5.20	5.20	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 excessive algal growth).

Within Limits
N/A
Yes
Yes
N/A
N/A
N/A
N/A
N/A

was caused by