



## CLARENCE TOWN WASTEWATER TREATMENT WORKS - NOVEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 13250  
 Date Obtained: N/A  
 Date Published: 14 December 2012

**Licensee** Hunter Water Corporation  
 36 Honeysuckle Drive  
 NEWCASTLE WEST NSW 2302

### QUALITY MONITORING

EPA Id. No. 1 Site Code 5TE8459		Site Description - Discharge to utilisation area											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting*	Monthly Summary 1 November 2012 to 30 November 2012									
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits	
Aluminium	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
BOD	milligrams per litre	Weekly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Cadmium	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Chloride	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	milligrams per litre	Weekly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Chromium	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Conductivity	microsiemens per centimetre	Quarterly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Copper	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Iron	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Lead	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Magnesium	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Manganese	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Mercury	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrate	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	10	-	Yes
pH	pH	Weekly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Potassium	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Nitrogen	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Phosphorous	milligrams per litre	Monthly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Zinc	milligrams per litre	Yearly	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A

\* No samples were collected or analysed during the month as no discharge to the effluent utilisation area occurred during the month.

EPA Id. No. 2 Site Code		Site Description - Overflow spillway											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting#	Monthly Summary 1 November 2012 to 30 November 2012									
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits	
Biochemical Oxygen Demand	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrate	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	10	-	Yes
pH	pH	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Nitrogen	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Phosphorous	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A

# No samples were collected or analysed during the month as no overflow from the spillway occurred during the month.