



**CLARENCE TOWN WASTEWATER TREATMENT WORKS - APRIL MONTHLY POLLUTION MONITORING SUMMARY**

Environment Protection Licence No. 13250  
 Date Obtained: 3 May 2016  
 Date Published: 17 May 2016

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

**QUALITY MONITORING**

EPA Id. No. 1 Site Code 5CT0001		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 April 2016 to 30 April 2016										
				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	4	4	8	5	18	N/A	N/A	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	1	54	54	54	54	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	milligrams per litre	Weekly	4	0.011	0.064	0.039	0.168	N/A	N/A	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	1	384	384	384	384	N/A	N/A	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	1	45	45	45	45	N/A	N/A	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	1	<0.05	<0.05	<0.05	<0.05	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.05	0.05	0.05	0.05	N/A	N/A	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	10	<2	Yes	Yes	Yes
pH	pH	Weekly	4	8.9	9.2	9.1	9.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Potassium	milligrams per litre	Monthly	1	11.5	11.5	11.5	11.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nitrogen	milligrams per litre	Monthly	1	4.1	4.1	4.1	4.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Phosphorous	milligrams per litre	Monthly	1	3.0	3.0	3.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	9	30	31	48	N/A	N/A	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

EPA Id. No. 2 Site Code 5OV3100		Site Description - Overflow spillway												
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting*	Monthly Summary 1 April 2016 to 30 April 2016										
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits		
BOD	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	-	N/A
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 as no overflow occurred during the month

EPA Id. No. 5 Site Code 5CT0035		Site Description - Pumped discharge to Wallaroo Creek												
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting**	Monthly Summary 1 April 2016 to 30 April 2016										
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits		
BOD	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	-	N/A
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 as no discharge occurred during the month