



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

Environment Protection Licence No. 13250  
Date Obtained: 3 July 2017  
Date Published: 19 July 2017

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 June 2017 to 30 June 2017										
				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	17	22	22	26	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	N/A	N/A
Chloride	milligrams per litre	Monthly	1	58	58	58	58	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	milligrams per litre	Weekly	4	0.284	0.420	0.445	0.505	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	N/A	N/A
Conductivity	microsiemens per centimetre	Quarterly	-	-	-	-	-	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	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Monthly	1	9	9	9	9	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	N/A	N/A
Lead	milligrams per litre	Yearly	-	-	-	-	-	N/A	N/A	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	N/A	N/A
Manganese	milligrams per litre	Yearly	-	-	-	-	-	N/A	N/A	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	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	0.76	0.76	0.76	0.76	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	N/A	N/A	N/A	N/A	N/A
pH	pH	Weekly	4	7.69	7.75	7.72	7.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Potassium	milligrams per litre	Monthly	1	16.8	16.8	16.8	16.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nitrogen	milligrams per litre	Monthly	1	10.6	10.6	10.6	10.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Phosphorous	milligrams per litre	Monthly	1	5.1	5.1	5.1	5.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	33	54	51	80	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	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 June 2017 to 30 June 2017										
				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	N/A	N/A
Chlorophyll a	milligrams per litre	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A
pH	pH	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A	N/A
Total Phosphorous	milligrams per litre	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	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 June 2017 to 30 June 2017										
				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	N/A	N/A
Chlorophyll a	milligrams per litre	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A
pH	pH	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A	N/A
Total Phosphorous	milligrams per litre	Special Frequency 1	-	-	-	-	-	N/A	N/A	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	N/A	N/A

\*\* No samples were collected as no discharge occurred during the month