



## SHORTLAND WASTEWATER TREATMENT WORKS - JUNE MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683  
 Date Obtained: 3 July 2017  
 Date Published: 21 July 2017

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

### QUALITY MONITORING

EPA Id. No. 20 Site Code 5SL1810		Site Description -Shortland WWTW dechlorination building										
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
Biochemical Oxygen Demand	milligrams per litre	Special Frequency 1	4	<2	4	4	5	N/A	N/A	N/A	N/A	N/A
Chlorine (free residual)	milligrams per litre	Special Frequency 1	4	<0.10	<0.10	<0.10	<0.10	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	4	2	3	2	7	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 1	4	5.0	6.4	6.7	7.2	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	4	<0.05	0.9	0.9	1.8	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	4	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
pH	pH	Special Frequency 1	4	6.70	6.81	6.82	6.91	N/A	N/A	6.50 - 8.50	6.70 - 6.91	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	4	0.72	1.3	1.1	2.1	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	4	2	8	6	19	N/A	N/A	N/A	N/A	N/A

EPA Id. No. 18 Site Code 5OV1800		Site Description -Shortland WWTW overflow										
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
Biochemical Oxygen Demand	milligrams per litre	Daily during any discharge	6	<2	5	5	8	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Daily during any discharge	6	54	15359	12100	42000	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	6	3.5	3.9	4.0	4.2	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	6	7.06	7.15	7.16	7.23	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	6	<1	5	6	9	N/A	N/A	N/A	N/A	N/A