



SHORTLAND WASTEWATER TREATMENT WORKS - OCTOBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 1 November 2017
 Date Published: 17 November 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 October 2017 to 31 October 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	1	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
Chlorine (free residual)	milligrams per litre	Special Frequency 1	1	<0.1	<0.1	<0.1	<0.1	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	1	2	2	2	2	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 1	1	7.9	7.9	7.9	7.9	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	1	0.50	0.50	0.50	0.50	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Special Frequency 1	1	11.3	11.3	11.3	11.3	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	1	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
pH	pH	Special Frequency 1	1	7.02	7.02	7.02	7.02	N/A	N/A	6.50 - 8.50	7.02 - 7.02	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	1	2.8	2.8	2.8	2.8	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	1	23	23	23	23	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 October 2017 to 31 October 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	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Daily during any discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A

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