



SHORTLAND WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 30 September 2014
 Date Published: 16 October 2014

Licensee
 Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

EPA Id. No. 19 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 September 2014 to 30 September 2014								
				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	3	9	N/A	N/A	80	9	Yes
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	4	2	8503	4	34000	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 1	4	2.10	3.80	3.50	6.10	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	4	0.23	0.34	0.34	0.46	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	4	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
pH	pH	Special Frequency 1	4	6.70	6.88	6.90	7	N/A	N/A	6.50 - 8.50	6.70 - 7.00	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	4	1.10	1.58	1.30	2.60	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	4	3	6	5	9	N/A	N/A	100	9	Yes

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 September 2014 to 30 September 2014								
				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
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