



SHORTLAND WASTEWATER TREATMENT WORKS - JANUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 11 February 2015
 Date Published: 20 February 2015

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 January 2015 to 30 January 2015								
				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	2	<2	3	3	3	N/A	N/A	80	3	Yes
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	2	0	5	5	9	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 1	2	3.20	3.60	3.60	4.00	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	2	0.38	0.74	0.74	1.10	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	2	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
pH	pH	Special Frequency 1	2	6.50	6.55	6.55	6.60	N/A	N/A	6.50 - 8.50	6.50 - 6.60	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	2	1.40	2.00	2.00	2.60	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	2	<1	2	2	3	N/A	N/A	100	3	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 January 2015 to 30 January 2015								
				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	2	5	6	6	7	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	2	2.4	3.05	3.05	3.7	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	2	7.1	7.15	7.15	7.2	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	2	17	17	17	17	N/A	N/A	N/A	N/A	N/A