



SHORTLAND WASTEWATER TREATMENT WORKS - MARCH MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 15 April 2013
 Date Published: 22 April 2013

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 March 2013 to 31 March 2013								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Weekly	4	<2	<2	<2	<2	N/A	N/A	80	<2	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	1	9	9	9	9	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	6.20	6.20	6.20	6.20	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.33	0.33	0.33	0.33	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	2	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
pH	pH	Weekly	4	6.78	7.04	7.09	7.18	N/A	N/A	6.50 - 8.50	6.78 - 7.18	Yes
Phosphorus (total)	milligrams per litre	Monthly	1	3.10	3.10	3.10	3.10	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	2	2	4	N/A	N/A	100	4	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 March 2013 to 31 March 2013								
				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	4	<2	4	2	10	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	4	1.30	2.30	2.55	2.80	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	4	6.93	6.97	6.96	7.01	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	4	<1	3	2	7	N/A	N/A	N/A	N/A	N/A