



SHORTLAND WASTEWATER TREATMENT WORKS - JUNE MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683

Date Obtained: 2 July 2012

Date Published: 16 July 2012

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	Monthly Summary 1 June 2012 to 30 June 2012								
			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	<2	2	2	3	N/A	N/A	80	3	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	7.00	7.00	7.00	7.00	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	0.27	0.27	0.27	0.27	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
pH	pH	Weekly	6.54	6.79	6.85	6.91	N/A	N/A	6.50 - 8.50	6.54 - 6.91	Yes
Phosphorus (total)	milligrams per litre	Monthly	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	2	7	7	13	N/A	N/A	100	13	Yes

EPA Id. No. 18 Site Code 5OV1800		Site Description -Shortland WWTW overflow									
Pollutant	Unit of Measurement	Sampling Frequency	Monthly Summary 1 June 2012 to 30 June 2012								
			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