



SHORTLAND WASTEWATER TREATMENT WORKS - JULY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 30 July 2012
 Date Published: 10 August 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 July 2012 to 31 July 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	8.80	8.80	8.80	8.80	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1.20	1.20	1.20	1.20	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	6.9	6.94	6.92	7.04	N/A	N/A	6.50 - 8.50	6.90 - 7.04	Yes
Phosphorus (total)	milligrams per litre	Monthly	2.50	2.50	2.50	2.50	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	<1	3	4	5	N/A	N/A	100	5	Yes

EPA Id. No. 18 Site Code 5OV1800		Site Description -Shortland WWTW overflow									
Pollutant	Unit of Measurement	Sampling Frequency	Monthly Summary 1 July 2012 to 31 July 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