



SHORTLAND WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 9 October 2012
 Date Published: 15 October 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 September 2012 to 30 September 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	2	N/A	N/A	80	2	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	0	0	0	0	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	8.50	8.50	8.50	8.50	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	0.11	0.11	0.11	0.11	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	7.03	7.14	7.12	7.28	N/A	N/A	6.50 - 8.50	7.03 - 7.28	Yes
Phosphorus (total)	milligrams per litre	Monthly	6.30	6.30	6.30	6.30	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	<1	4	3	8	N/A	N/A	100	8	Yes

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