



## SHORTLAND WASTEWATER TREATMENT WORKS - AUGUST MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683  
 Date Obtained: 3 September 2012  
 Date Published: 14 September 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 August 2012 to 31 August 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	<2	<2	<2	<2	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	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	6.82	6.89	6.90	6.97	N/A	N/A	6.50 - 8.50	6.82 - 6.97	Yes
Phosphorus (total)	milligrams per litre	Monthly	4.80	4.80	4.80	4.80	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	3	6	4	9	N/A	N/A	100	9	Yes

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