



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

Environment Protection Licence No. 1683  
 Date Obtained: 4 November 2013  
 Date Published: 18 November 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 October 2013 to 31 October 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	5	<2	2	<2	2	N/A	N/A	80	2	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	1	10	10	10	10	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	7.30	7.30	7.30	7.30	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.10	0.10	0.10	0.10	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	5	6.98	7.15	7.09	7.35	N/A	N/A	6.50 - 8.50	6.98 - 7.35	Yes
Phosphorus (total)	milligrams per litre	Monthly	1	2.40	2.40	2.40	2.40	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	5	1	6	5	11	N/A	N/A	100	11	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 October 2013 to 31 October 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	-	-	-	-	-	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