



SHORTLAND WASTEWATER TREATMENT WORKS - DECEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 2 January 2013
 Date Published: 14 January 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 December 2012 to 31 December 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	4	<2	2	2	2	N/A	N/A	80	2	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	1	0	0	0	0	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	6.40	6.40	6.40	6.40	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.06	0.06	0.06	0.06	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	4	6.99	7.26	7.28	7.5	N/A	N/A	6.50 - 8.50	6.99 - 7.50	Yes
Phosphorus (total)	milligrams per litre	Monthly	1	0.76	0.76	0.76	0.76	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	2	1	4	N/A	N/A	100	4	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 December 2012 to 31 December 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

No samples were collected or analysed during the month as no discharge occurred from this monitoring point.