

SHORTLAND WASTEWATER TREATMENT WORKS - MAY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
Date Obtained: 4 June 2012
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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 May 2012 to 31 May 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	1	1	1	1	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	0.28	0.28	0.28	0.28	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	6.87	6.99	6.96	7.14	N/A	N/A	6.50 - 8.50	6.87 - 7.14	Yes
Phosphorus (total)	milligrams per litre	Monthly	5.00	5.00	5.00	5.00	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	<1	1	1	2	N/A	N/A	100	2	Yes

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