



SHORTLAND WASTEWATER TREATMENT WORKS - FEBRUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 13 March 2013
 Date Published: 15 March 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 February 2013 to 28 February 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	3	<2	<2	<2	<2	N/A	N/A	80	<2	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	1	<9	<9	<9	<9	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	3.10	3.10	3.10	3.10	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.79	0.79	0.79	0.79	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	3	6.78	6.98	7.03	7.14	N/A	N/A	6.50 - 8.50	6.78 - 7.14	Yes
Phosphorus (total)	milligrams per litre	Monthly	1	1.70	1.70	1.70	1.70	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	3	2	4	2	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	No. of times measured during the month for licence reporting	Monthly Summary 1 February 2013 to 28 February 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	11	3	12	7	35	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	11	0.33	1.59	1.50	2.80	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	11	6.76	7.06	7.03	7.30	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	11	3	11	7	24	N/A	N/A	N/A	N/A	N/A