SHORTLAND WASTEWATER TREATMENT WORKS - ANNUAL MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
Date Obtained: 8 July 2015
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Hunter Water Corporation
36 Honeysuckle Drive
NEWCASTLE WEST NSW 2302

QUALITY MONITORING

EPA Id. No. 20 Site Code 5SL1810	Site Description -Shortland WWTW dechlorination building														
				Monthly Summary 1 June 2014 to 30 June 2015											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the year for licence reporting	Minimum	Maximum	50%ile Limit	50%ile Actual	90%ile Limit	90%ile Actual	3DGM Number of measurements	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Special Frequency 1	42	<2	21	25	<2	60	3	N/A	N/A	N/A	80	21	Yes
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	42	0	34000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 1	42	<0.05	9.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	42	<0.05	1.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	42	<5	<5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH	pH	Special Frequency 1	42	6.50	7.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.50 - 8.50	6.50 - 7.10	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	42	0.06	4.90	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	42	<1	79	40	4	80	12	N/A	N/A	N/A	100	79	Yes

EPA Id. No. 18 Site Code 5OV1800	Site Description -Shortland WWTW overflow														
				Monthly Summary 1 June 2014 to 30 June 2015											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the year for licence reporting	Minimum	Maximum	50%ile Limit	50%ile Actual	90%ile Limit	90%ile Actual	3DGM Number of measurements	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Daily during any discharge	25	<2	11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	25	0.7	3.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	25	6.8	7.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	25	<1	29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A