



SHORTLAND WASTEWATER TREATMENT WORKS - ANNUAL POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683
 Date Obtained: 1 July 2016
 Date Published: 20 July 2016

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													
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the year for licence reporting	Annual Summary 1 June 2015 to 30 June 2016											
				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	22	<2	6	25	<2	60	4	N/A	N/A	N/A	80	6	Yes
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	22	2	3800	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	22	1.6	7.2	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	22	<0.05	10.6	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	22	<2	4	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	22	6.6	7.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.5 - 8.5	6.6 - 7.1	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	22	0.18	6.0	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	22	<1	19	40	7	80	15	N/A	N/A	N/A	100	19	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 year for licence reporting	Annual Summary 1 June 2015 to 30 June 2016											
				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	24*	3	25	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	22*#	<0.05	4.0	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	24*	6.8	8.9	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	24*	2	25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* Sample collected on 25th January was taken from pond whilst no discharge was occurring