



## SHORTLAND WASTEWATER TREATMENT WORKS - JANUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 1683  
 Date Obtained: 2 February 2016  
 Date Published: 15 February 2016

Licensee  
 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 month for licence reporting	Monthly Summary 1 January 2016 to 31 January 2016								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Special Frequency 1	4	<2	<2	<2	<2	N/A	N/A	80	<2	Yes
Faecal Coliforms	colony forming units per 100 mL	Special Frequency 1	4	2	5	3	13	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Special Frequency 1	4	2.0	3.8	4.2	4.8	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Special Frequency 1	4	0.28	0.99	0.44	2.80	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Special Frequency 1	4	<2	2	<2	4	N/A	N/A	N/A	N/A	N/A
pH	pH	Special Frequency 1	4	6.8	6.9	7.0	7.0	N/A	N/A	6.5 - 8.5	6.8 - 7.0	Yes
Phosphorus (total)	milligrams per litre	Special Frequency 1	4	0.65	1.09	1.20	1.30	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Special Frequency 1	4	2	9	10	15	N/A	N/A	100	15	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 January 2016 to 31 January 2016								
				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	19	3	7	8	11	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any discharge	17*	<0.05	1.37	1.70	2.80	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any discharge	19	6.8	7.3	7.2	8.9	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any discharge	19	2	14	13	25	N/A	N/A	N/A	N/A	N/A

\*Ammonia not tested for on 2 occasions due to laboratory error