



TANILBA BAY WASTEWATER TREATMENT WORKS - JANUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 4435
 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. 1 Site Code 5SL2900		Site Description - Effluent Distribution Chamber										
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	Weekly	4	<2	5	4	9	N/A	N/A	45	9	Yes
Conductivity	microsiemens per centimetre	Monthly	1	474	474	474	474	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.47	0.47	0.47	0.47	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	1.90	1.90	1.90	1.90	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	3.5	3.5	3.5	3.5	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	2	<2	3	3	4	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Monthly	1	3.9	3.9	3.9	3.9	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	4	4	8	N/A	N/A	70	8	Yes
pH	pH	Weekly	4	7.0	7.4	7.5	7.7	N/A	N/A	6.5 - 8.5	7.0 - 7.7	Yes

EPA Id. No. 3 Site Code		Site Description - Emergency Overflow from Infiltration Pond										
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	Each Overflow Event	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Each Overflow Event	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Each Overflow Event	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Each Overflow Event	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
pH	pH	Each Overflow Event	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A

No samples were collected as no overflow occurred during the month