



TANILBA BAY WASTEWATER TREATMENT WORKS - DECEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 4435
 Date Obtained: 3 January 2017
 Date Published: 17 January 2017

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 December 2016 to 31 December 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	3	3	4	N/A	N/A	30	4	Yes
Conductivity	microsiemens per centimetre	Monthly	1	554	554	554	554	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.67	0.67	0.67	0.67	N/A	N/A	5	0.67	Yes
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	0.76	0.76	0.76	0.76	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	2.1	2.1	2.1	2.1	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	2	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Monthly	1	4.8	4.8	4.8	4.8	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	1	3	3	5	N/A	N/A	50	5	Yes
pH	pH	Weekly	4	7.36	7.49	7.46	7.67	N/A	N/A	6.50 - 8.50	7.36 - 7.67	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 December 2016 to 31 December 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