



TANILBA BAY WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 4435
 Date Obtained: 4 October 2016
 Date Published: 20 October 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 September 2016 to 30 September 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	<2	5	N/A	N/A	30	5	Yes
Conductivity	microsiemens per centimetre	Monthly	1	507	507	507	507	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	1	0.59	0.59	0.59	0.59	N/A	N/A	5	0.59	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Monthly	1	3.8	3.8	3.8	3.8	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	1	4.5	4.5	4.5	4.5	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	1.9	1.9	1.9	1.9	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	1	<1	2	N/A	N/A	50	2	Yes
pH	pH	Weekly	4	7.38	7.53	7.55	7.63	N/A	N/A	6.50 - 8.50	7.38 - 7.63	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 September 2016 to 30 September 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