



## PAXTON WASTEWATER TREATMENT WORKS - SEPTEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3755  
 Date Obtained: 3 October 2017  
 Date Published: 19 October 2017

**Licensee** Hunter Water Corporation  
 36 Honeysuckle Drive  
 NEWCASTLE WEST NSW 2302

### QUALITY MONITORING

EPA Id. No. 3 Site Code 5PA2805		Site Description - Effluent Discharge Chamber										
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Monthly Summary 1 September 2017 to 30 September 2017								
				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	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
Conductivity	Millisemens per centimetre	Weekly	4	0.756	0.761	0.761	0.765	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Weekly	4	0.09	0.13	0.11	0.21	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Weekly	4	6.3	6.9	7.0	7.5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Weekly	4	0.12	0.14	0.14	0.16	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	<1	<1	1	N/A	N/A	N/A	N/A	N/A
pH	pH	Weekly	4	7.41	7.47	7.47	7.53	N/A	N/A	6.50 - 8.50	7.41 - 7.53	Yes

EPA Id. No. 4 Site Code 5OV1400		Site Description - Overflow weir from wet weather storage pond										
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting*	Monthly Summary 1 September 2017 to 30 September 2017								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	First 24hrs then weekly	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	milligrams per litre	First 24hrs then weekly	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	First 24hrs then weekly	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A

\*No samples were collected as no discharge occurred during the month