



PAXTON WASTEWATER TREATMENT WORKS - ANNUAL POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 3755
 Date Obtained: 5 April 2017
 Date Published: 27 April 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 year for licence reporting	Annual Summary 1 April 2016 to 31 March 2017										
				Minimum	Maximum	50%ile Limit	50%ile Actual	90%ile Limit	90%ile Actual	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Weekly	52	<2	3	6	<2	10	3	N/A	N/A	N/A	N/A	Yes
Conductivity	microsiemens per centimetre	Weekly	52	694	1790	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Weekly	52	<0.05	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Weekly	52	4.22	25.5	8.0	5.8	15.0	7.4	N/A	N/A	N/A	N/A	Yes
Phosphorus (total)	milligrams per litre	Weekly	52	0.038	0.50	0.30	0.10	1.00	0.28	N/A	N/A	N/A	N/A	Yes
Total Suspended Solids	milligrams per litre	Weekly	52	<1	4	10	<1	15	1	N/A	N/A	N/A	N/A	Yes
pH	pH	Weekly	52	7.0	7.7	N/A	N/A	N/A	N/A	N/A	N/A	6.5 - 8.5	7.0 - 7.7	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 year for licence reporting #	Annual Summary 1 April 2016 to 31 March 2017										
				Minimum	Maximum	50%ile Limit	50%ile Actual	90%ile Limit	90%ile Actual	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	N/A	N/A	N/A	N/A
Faecal Coliforms	col/100mL	First 24hrs then weekly	-	-	-	N/A	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A

No discharge from Point 4 during licence period