



RAYMOND TERRACE WASTEWATER TREATMENT WORKS - JANUARY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 217
 Date Obtained: 3 February 2014
 Date Published: 17 February 2014

Licensee Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

EPA Id. No. 2 Site Code 5DE1500		Site Description - At the discharge point at UV Disinfection										
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Monthly Summary 1 January 2014 to 31 January 2014								
				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	30	2	Yes
Faecal Coliforms	colony forming units per 100 mL	Weekly	4	1	66	57	150	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Weekly	4	0.10	0.12	0.10	0.16	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Weekly	4	6.80	7.58	7.75	8.00	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	2	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Weekly	4	0.12	0.15	0.15	0.18	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	3	4	4	N/A	N/A	30	4	Yes
pH	pH	Weekly	4	7.37	7.43	7.42	7.50	N/A	N/A	6.50 - 8.50	7.37 - 7.50	Yes

EPA Id. No. 1 Site Code 5OV1500		Site Description - At the discharge from the No.2 Maturation Pond										
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting #	Monthly Summary 1 January 2014 to 31 January 2014								
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual	Within Limits
Biochemical Oxygen Demand	milligrams per litre	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during and Discharge	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A