



RAYMOND TERRACE WASTEWATER TREATMENT WORKS - MAY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 217
 Date Obtained: 3 June 2013
 Date Published: 13 June 2013

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 May 2013 to 31 May 2013								
				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	5	<2	<2	<2	<2	N/A	N/A	30	<2	Yes
Faecal Coliforms	colony forming units per 100 mL	Weekly	5	0	4	1	14	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Weekly	5	0.06	0.24	0.18	0.50	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Weekly	5	4.00	4.44	4.50	4.90	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	5	0.04	0.07	0.07	0.10	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	5	<1	1	<1	2	N/A	N/A	30	2	Yes
pH	pH	Weekly	5	7.09	7.22	7.28	7.29	N/A	N/A	6.50 - 8.50	7.09 - 7.29	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 May 2013 to 31 May 2013								
				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