

RAYMOND TERRACE WASTEWATER TREATMENT WORKS - MAY MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 217
Date Obtained: 4 June 2012
Date Published: 28 June 2012

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	Monthly Summary 1 May 2012 to 31 May 2012									
			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	<2	2	2	2	N/A	N/A	30
Faecal Coliforms	colony forming units per 100 mL	Weekly	0	8	2	26	N/A	N/A	N/A	N/A	N/A	
Nitrogen (ammonia)	milligrams per litre	Weekly	0.03	0.20	0.20	0.37	N/A	N/A	N/A	N/A	N/A	
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Weekly	6.90	8.02	7.70	9.70	N/A	N/A	N/A	N/A	N/A	
Oil and Grease	milligrams per litre	Fortnightly	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A	
Phosphorus (total)	milligrams per litre	Weekly	0.34	0.51	0.50	0.78	N/A	N/A	N/A	N/A	N/A	
Total Suspended Solids	milligrams per litre	Weekly	<1	2	1	4	N/A	N/A	30	4	Yes	
pH	pH	Weekly	6.91	7.12	7.24	7.29	N/A	N/A	6.50 - 8.50	6.91 - 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	Monthly Summary 1 May 2012 to 31 May 2012									
			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
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	