



## RAYMOND TERRACE WASTEWATER TREATMENT WORKS - DECEMBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 217  
 Date Obtained: 2 January 2013  
 Date Published: 14 January 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 December 2012 to 31 December 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	4	<2	2	2	2	N/A	N/A	30	2	Yes
Faecal Coliforms	colony forming units per 100 mL	Weekly	4	0	4	2.5	11	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Weekly	4	0.09	0.67	0.44	1.70	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Weekly	4	4.20	4.93	4.80	5.90	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	4	0.10	0.11	0.11	0.13	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	30	1	Yes
pH	pH	Weekly	4	7.29	7.34	7.34	7.40	N/A	N/A	6.50 - 8.50	7.29 - 7.40	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 December 2012 to 31 December 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	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