



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

Environment Protection Licence No. 217  
 Date Obtained: 31 May 2016  
 Date Published: 20 June 2016

**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 2016 to 31 May 2016								
				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	93	56	260	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Weekly	4	<0.05	0.08	0.07	0.12	N/A	N/A	N/A	N/A	N/A
Nitrate + Nitrite (oxidised nitrogen)	milligrams per litre	Weekly	4	2.4	2.8	2.8	3.0	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Fortnightly	2	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Weekly	4	0.12	0.28	0.31	0.40	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	<1	4	4	6	N/A	N/A	30	6	Yes
pH	pH	Weekly	4	7.4	7.5	7.6	7.6	N/A	N/A	6.5 - 8.5	7.4 - 7.6	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 2016 to 31 May 2016								
				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
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

# No samples were collected as no discharge occurred during the month