



Environment Protection Licence No. 1767  
 Date Obtained: 2 July 2012  
 Date Published: 16 July 2012

**Licensee** Hunter Water Corporation  
 36 Honeysuckle Drive  
 NEWCASTLE WEST NSW 2302

**QUALITY MONITORING**

EPA Id. No. 2 Site Code 5DE3005		Site Description - In UV Disinfection Channel following UV Treatment									
Pollutant	Unit of Measurement	Sampling Frequency	Monthly Summary 1 June 2012 to 30 June 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	3	N/A	N/A	45	3	Yes
Faecal Coliforms	colony forming units per 100 mL	Monthly	18	18	18	18	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Monthly	0.11	0.11	0.11	0.11	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Monthly	5.10	5.10	5.10	5.10	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	<0.05	0.07	0.06	0.10	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	5	6	6	8	N/A	N/A	70	8	Yes
pH	pH	Weekly	6.97	7.06	7.01	7.26	N/A	N/A	6.50 - 8.50	6.97 - 7.26	Yes

EPA Id. No. 1 Site Code 5OV1000		Site Description - Pipe from No.3 Maturation Pond									
Pollutant	Unit of Measurement	Sampling Frequency	Monthly Summary 1 June 2012 to 30 June 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 any Discharge	6	8	8	9	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	micrograms per litre	Daily during any Discharge	60	131	68	264	N/A	N/A	N/A	N/A	N/A
Nitrogen (ammonia)	milligrams per litre	Daily during any Discharge	13.30	14.67	15.30	15.40	N/A	N/A	N/A	N/A	N/A
Nitrogen (total)	milligrams per litre	Daily during any Discharge	17.30	18.67	19.30	19.40	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Daily during any Discharge	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A
Phosphorus (total)	milligrams per litre	Daily during any Discharge	0.87	1.03	0.92	1.30	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Daily during any Discharge	51	76	82	96	N/A	N/A	N/A	N/A	N/A
pH	pH	Daily during any Discharge	7.25	7.26	7.26	7.28	N/A	N/A	N/A	N/A	N/A