



## DUNGOG WASTEWATER TREATMENT WORKS - MARCH MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 4197  
 Date Obtained: 4 April 2017  
 Date Published: 20 April 2017

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

### QUALITY MONITORING

EPA Id. No. 3 - Site Code 5DU0001 Site Description - Discharge to Utilisation Area												
EPA Id. No. 4 - Site Code 5DU0006 Site Description - Pumped Discharges to Williams River												
EPA Id. No. 5 - Site Code 5DU0016 Site Description - Overflow from Wet Weather Storage Pond												
Pollutant	Unit of Measurement	Sampling Frequency *	No. of times measured during the month for licence reporting	Monthly Summary 1 March 2017 to 31 March 2017								
				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	3	10	10	17	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	micrograms per litre	Weekly	4	15.0	38.0	31.0	75.0	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Weekly	4	2000	3850	2200	9000	N/A	N/A	N/A	N/A	N/A
Nitrogen (Total)	milligrams per litre	Weekly	4	6.1	8.0	8.1	9.6	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Weekly	4	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A
pH	pH	Weekly	4	7.59	7.72	7.66	7.95	N/A	N/A	N/A	N/A	N/A
Total Phosphorus-unfiltered sample	milligrams per litre	Weekly	4	3.4	3.7	3.6	4.3	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	6	16	15	26	N/A	N/A	N/A	N/A	N/A

\* As per the note under the licence condition M2.3, it is acceptable for the licensee to take a single sample of Storage Pond water (5DU0001) to meet the monitoring requirements for Points 3, 4 and 5.

EPA Id. No. 8 Site Code 5DU0002 Site Description - Humus Effluent												
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Monthly Summary 1 March 2017 to 31 March 2017								
				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	23	32	31	42	N/A	N/A	N/A	N/A	N/A
Chlorophyll a	micrograms per litre	Weekly	4	2.9	15.6	12.4	34.7	N/A	N/A	N/A	N/A	N/A
Faecal Coliforms	colony forming units per 100 mL	Weekly	4	540000	1860000	1450000	4000000	N/A	N/A	N/A	N/A	N/A
Nitrogen (Total)	milligrams per litre	Weekly	4	18.5	21.2	20.0	26.5	N/A	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	Weekly	4	<2	2	<2	3	N/A	N/A	N/A	N/A	N/A
pH	pH	Weekly	4	7.15	7.23	7.21	7.34	N/A	N/A	N/A	N/A	N/A
Total Phosphorus-unfiltered sample	milligrams per litre	Weekly	4	3.3	4.3	4.0	5.8	N/A	N/A	N/A	N/A	N/A
Total Suspended Solids	milligrams per litre	Weekly	4	7	48	44	98	N/A	N/A	N/A	N/A	N/A