

1 <sup>st</sup> Tolo Harbour Water Quality Impact Monitoring (6 April 2016 to 13 April 2016)													
Location	Temperature (°C)	pH	Salinity (ppt)	DO (Surface & Middle) (mg/L)	DO (Bottom) (mg/L)	Turbidity (NTU)	E-Coli (cfu/100 ml)	NH <sub>3</sub> -N (mg/L)	TIN (mg/L)	SS (mg/L)	BOD (mg/L)	Chlorophyll-a (mg/m <sup>3</sup> )	
Mid-Ebb Tide													
C1	Max	23.2	8.8	31.8	9.5	8.3	6.7	74.0	0.054	0.015	5.1	6.0	0.029
	Min	16.4	7.8	28.1	7.0	4.6	0.5	3.0	0.028	0.081	1.0	1.0	0.002
	Mean	18.4	8.2	30.5	8.2	5.4	1.4	22.1	0.040	0.034	2.4	2.2	0.010
C12 (control Station)	Max	28.6	8.7	32.0	11.6	9.0	4.2	64.0	0.041	0.063	3.2	4.0	0.031
	Min	16.4	7.9	27.7	7.1	4.2	0.7	1.0	0.024	0.015	0.7	1.0	0.002
	Mean	18.8	8.2	30.8	8.3	5.3	1.7	15.3	0.034	0.032	2.2	1.9	0.008
G1	Max	23.0	8.8	31.6	12.1	8.4	26.0	190.0	0.052	0.102	4.7	6.0	0.044
	Min	16.6	7.6	26.9	6.4	2.0	0.5	1.0	0.009	0.014	2.1	1.0	0.001
	Mean	18.8	8.2	29.9	8.8	4.7	2.3	36.4	0.027	0.035	3.0	3.3	0.015
FC2	Max	23.1	8.7	31.8	11.6	7.9	4.2	280.0	0.057	0.102	5.7	6.0	0.031
	Min	16.6	7.6	27.7	6.1	3.0	0.7	1.0	0.020	0.010	2.0	1.0	0.001
	Mean	18.6	8.2	30.4	8.3	4.7	1.8	6.4	0.032	0.036	3.7	3.5	0.015
W1	Max	24.6	8.9	31.8	12.6	12.9	5.0	270.0	0.322	0.410	7.3	6.0	0.043
	Min	16.9	7.6	25.3	7.0	3.7	0.9	1.0	0.016	0.015	2.4	1.0	0.001
	Mean	19.6	8.2	29.0	10.0	5.5	2.2	32.8	0.097	0.055	4.1	3.6	0.015
W2	Max	22.8	9.0	31.8	13.7	7.7	8.2	340.0	0.056	0.231	6.8	5.0	0.036
	Min	16.7	7.6	27.2	3.0	3.0	0.4	1.0	0.006	0.016	2.7	1.0	0.002
	Mean	19.2	8.2	29.8	9.3	4.9	2.4	68.9	0.033	0.059	3.7	2.5	0.012
Defined Baseline Level	Max	29.1	8.0	33.1	8.4	9.2	15.3	595.0	0.20	0.240	7.0	6.0	0.015
	Min	17.2	7.1	27.0	1.2	0.8	1.0	0.0	0.01	0.010	1.0	1.0	0.001
	Mean	22.8	7.7	31.7	5.7	5.0	2.4	6.0	0.05	0.070	3.0	2.0	0.003

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Location	Temperature (°C)	pH	Salinity (ppt)	DO (Surface & Middle)	DO (Bottom) (mg/L)	Turbidity (NTU)	E-Coli (cfu/100 ml)	NH <sub>3</sub> -N (mg/L)	TIN (mg/L)	SS (mg/L)	BOD (mg/L)	Chlorophyll-a (mg/m <sup>3</sup> )	
Mid-Flood Tide													
C1	Max	22.3	8.6	31.4	11.6	8.0	4.2	130.0	0.021	0.065	4.4	6.0	0.0
	Min	16.5	7.8	27.3	6.1	2.9	0.9	1.0	0.009	0.012	1.7	1.0	0.002
	Mean	18.4	8.19	30.0	8.2	5.5	1.7	32.3	0.037	0.030	2.8	2.4	0.011
C12 (control Station)	Max	22.8	8.7	31.7	9.1	7.7	3.9	57.0	0.046	0.076	5.4	5.0	0.056
	Min	16.3	7.8	27.1	7.1	3.9	0.9	1.0	0.014	0.014	1.3	1.0	0.002
	Mean	18.7	8.2	30.0	8.2	5.9	1.6	16.2	0.032	0.032	2.5	2.2	0.013
G1	Max	22.4	8.7	32.0	9.6	7.7	3.3	350.0	0.049	0.104	4.7	6.0	0.047
	Min	16.1	7.7	26.9	6.4	2.9	0.4	1.0	0.008	0.013	2.0	1.0	0.001
	Mean	18.5	8.2	30.1	8.3	5.1	1.5	50.4	0.024	0.032	3.1	2.7	0.014
FC2	Max	22.8	8.8	31.4	11.5	7.7	11.5	270.0	0.070	0.118	9.0	6.0	0.046
	Min	16.2	7.7	26.9	6.3	2.8	0.7	1.0	0.006	0.014	2.2	1.0	0.001
	Mean	18.7	8.2	29.8	8.3	4.5	2.4	47.2	0.036	0.039	3.6	3.1	0.015
W1	Max	23.0	8.9	31.8	10.6	7.7	7.9	350.0	0.052	0.088	11.2	6.0	0.047
	Min	16.4	7.6	27.1	3.5	3.5	1.2	1.0	0.028	0.016	2.3	1.0	0.001
	Mean	19.3	8.2	29.9	9.1	5.0	2.3	40.7	0.041	0.336	4.2	3.2	0.013
W2	Max	23.0	8.9	31.8	10.3	9.6	6.1	340.0	0.056	0.231	6.8	5.0	0.036
	Min	16.6	7.6	27.0	4.7	3.6	1.0	71.0	0.006	0.016	2.7	1.0	0.002
	Mean	19.3	8.2	29.9	9.2	5.3	1.9	1.0	0.033	0.059	3.7	2.5	0.012
Defined Baseline Level	Max	29.1	8.0	33.1	8.4	9.2	15.3	595.0	0.20	0.24	7.0	6.0	0.015
	Min	17.2	7.1	27.0	1.2	0.8	1.0	0.0	0.01	0.01	1.0	1.0	0.001
	Mean	22.8	7.7	31.7	5.7	5.0	2.4	6.0	0.05	0.07	3.0	2.0	0.003