

Hawkesbury-Nepean Waterkeeper water quality data summary tables

Dissolved Oxygen (% saturation)

	Yarramundi	Windsor	Sackville
Mean	91.23	85.15	85.15
Standard Error	4.37	4.22	4.20
Median	89.35	83.4	84.35
Minimum	74	60.8	61.9
Maximum	116.3	104.9	106.9

pH (pH units)

	Yarramundi	Windsor	Sackville
Mean	7.28	7.12	7.36
Standard Error	0.12	0.11	0.14
Median	7.38	7.13	7.315
Minimum	6.49	6.51	6.52
Maximum	7.78	7.92	8.47

Electrical Conductivity ($\mu\text{s}/\text{cm}$)

	Yarramundi	Windsor	Sackville
Mean	195.66	219.09	217.96
Standard Error	9.18	19.79	21.54
Median	187.9	183	195.2
Minimum	136.7	127.2	127.7
Maximum	241	326	377

Turbidity (NTU)

	Yarramundi	Windsor	Sackville
Mean	4.55	7.98	6.14
Standard Error	0.78	2.37	1.19
Median	4.1	5.56	6.175
Minimum	1.24	0.72	0.78
Maximum	9.55	27.6	14.1

Phosphate (mg/L)

	Yarramundi	Windsor	Sackville
Mean	0.49	0.30	0.39
Standard Error	0.08	0.06	0.07
Median	0.435	0.26	0.32
Minimum	0.2	0.11	0.16
Maximum	0.95	0.55	0.65

Nitrate (mg/L)

	Yarramundi	Windsor	Sackville
Mean	0.66	0.54	0.66
Standard Error	0.05	0.07	0.08
Median	0.65	0.6	0.55
Minimum	0.3	0.1	0.3
Maximum	1	0.8	1.3

E. coli (CFU/100)

	Yarramundi	Windsor	Sackville
Mean	57.3	39.64	31.31
Standard Error	15.71	17.19	18.15
Median	42	17.5	11.2
Minimum	7.2	2	1
Maximum	209.8	198.9	228.2

Enterococci (CFU/100)

	Yarramundi	Windsor	Sackville
Mean	61.96	52.32	232.87
Standard Error	39.15	23.90	199.33
Median	21.2	21.1	7.85
Minimum	1	4.1	0
Maximum	488.4	275.5	>2419.6

If you wish to discuss these results please do not hesitate to email sustainability@westernsydney.edu.au