

Percentage compliance with ANZECC water quality trigger values for aquatic ecosystems, primary contact recreation and secondary contact recreation criteria for Councils Water Quality Monitoring sites

All sites are sampled on a monthly basis, in addition Simmo's Beach and Menangle Bridge are sampled weekly from December to April

		Bushland and Rural Landuses					Urbanised Landuse							
		The Woolwash, O'Hares Ck	Menangle Bridge, Nepean River	Wedderburn Gorge, Georges River	Frere's Crossing, Georges River	Simmo's Beach, Georges River	Harold Street Bridge, Georges River	Kooringa Reserve, Bunbury Curran Ck	Minto GPT, Bow Bowling Ck	Park Central, North Pond	Park Central, Central Pond	Mandurama Reserve, Spring Ck	Bradbury Oval, Fishers Ghost Ck	Cambridge Avenue, Georges River
Aquatic Ecosystems	Dissolved Oxygen	67	97	50	92	72	17	8	42	8	8	8	50	67
	pH	100	100	100	100	100	100	100	33	100	100	100	100	100
	Electrical Conductivity	85	100	100	100	100	92	67	92	83	100	100	67	100
	Turbidity	9	28	33	18	19	100	58	42	67	58	3	45	55
	Total Nitrogen	83	42	8	83	67	0	0	8	8	0	8	8	25
	Total Phosphorus	83	83	58	92	83	8	0	8	17	25	58	17	50
	Chlorophyll A	100	83	100	100	100	17	8	33	42	42	25	58	58
Primary Contact	Faecal Coliform	100	67	n/a	n/a	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Enterococci	50	17	n/a	n/a	33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Secondary Contact	Faecal Coliform	100	100	n/a	100	100	100	100	50	100	100	0	n/a	100
	Enterococci	100	83	n/a	100	100	0	0	0	50	100	0	n/a	50

Key	Good >75%	Fair 51-75%	Poor 25-50%	Very Poor <25%
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ANZECC Guideline Trigger Values used are values for South-east Australia- Lowland - Eastern Flowing Coastal Rivers (Source ANZECC, 2000).

Dissolved Oxygen 85-110 (% saturation) ; Electrical Conductivity 125 -2200 (us/cm) ;Turbidity 6-50 (NTU) ; Total N 350 (ug/L) ; Total P 25 (ug/L); Chlorophyll A 5 (ug/L)

Faecal coliform Primary Contact: The medium of a minimum of 5 samples should not exceed 150 organisms/100mL

Faecal coliform Secondary Contact: The medium of a minimum of 5 samples should not exceed 1000 organisms/100mL, with 4 out of 5 samples less than 4000/100mL

Enterococci Primary Contact: The medium of a minimum of 5 samples should not exceed 35 enterococci/ 100mL. Maximum number in any one sample 60 - 100 / 100mL Enterococci

Secondary Contact: The medium of a minimum of 5 samples should not exceed 230 enterococci/100mL. Maximum number in any one sample 450 - 700 /100mL

