

Percentage compliance with ANZECC water quality trigger values for aquatic ecosystems, primary contact recreation and secondary contact recreation criteria for sites tested under the WQMP in the Campbelltown LGA 2012/13

		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, Varroville	Minto before GPT, Bow Bowling Ck	Park Central, South Pond	Park Central, Central Pond	Mandurama Reserve, Bunbury Curran Ck	Bradbury Oval, Fishers Ghost Ck	Cambridge Avenue, Bunbury Curran Ck
 Aquatic Ecosystems	Dissolved Oxygen	92	97	67	83	73	25	17	45	8	8	42	50	67
	pH	100	79	100	100	100	100	100	45	100	100	100	100	100
	Electrical Conductivity	83	79	100	100	100	100	50	100	92	92	100	50	100
	Turbidity	9	25	17	18	31	82	33	55	45	45	91	45	27
	Total Nitrogen	75	50	8	83	75	0	0	8	0	0	8	8	33
	Total Phosphorus	83	67	42	92	75	17	0	25	17	17	50	25	42
	Chlorophyll A	100	75	75	100	100	50	17	42	50	50	17	42	42
 Primary Contact	Faecal Coliform	100	67	NA	100	100	0	0	33	50	50	0	NA	50
	Enterococci	50	50	NA	50	17	0	0	0	0	0	0	NA	0
 Secondary Contact	Faecal Coliform	100	100	NA	100	100	100	50	33	100	100	50	NA	100
	Enterococci	100	83	NA	100	100	0	0	0	50	50	0	NA	50

Key	Good	Fair	Poor	Very Poor
	>75%	51-75%	25-50%	<25%

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