

South East Queensland Water Quality Objectives Review

Water Quality Indicator Percentiles

Broadwater - Part of Basin 146

Northern Broadwater - Lower Estuary and Enclosed Coastal Waters

Sub-Basin	Percentile	Nutrients				Turbidity	Turbidity Total Suspended Solids (mg/L)	Secchi (m)	Productivity		Phys-Chem		Percentiles for DO(%) and Secchi (m)
		Total P	Filterable Reactive P	Total N (µg/L)	Oxidised N				Ammonium N	Chlorophyll-a (µg/L)	Electrical Conductivity (µS/cm)	pH	
Existing WQO for High Ecological Value waters (Area S1)	20	12	3	120	2	2	2	1.2	0.6		8.1	95	
	Median	16	4	150	2	3	4	Not Defined	1.8	1.2	N.A.	100	
	80	24	8	200	2	5	7	2.7	2		8.4	105	
Northern Broadwater	10	13	3	110	1	1	3	5	0.9	0.9	7.9	92	20
Northern Broadwater begins at Sovereign Island, at South Arm of Coomera estuary	20	15	4	130	1	1	3	7	1.1	1.2	8.0	94	30
	40	18	6	150	1	2	5	12	1.4	1.6	8.1	97	50
	50	20	7	160	1	3	6	14	1.5	1.9	8.1	98	60
	70	26	9	190	3	5	8	17	1.8	2.4	8.2	103	80
	80	31	10	220	5	7	10	19	2.2	2.9	8.2	106	90
Count		1168	1168	1168	1168	1168	1471	43	1443	1182	147	143	Count

Broadwater - Lower Estuary and Enclosed Coastal Waters

Sub-Basin	Percentile	Nutrients				Turbidity	Turbidity Total Suspended Solids (mg/L)	Secchi (m)	Productivity		Phys-Chem		Percentiles for DO(%) and Secchi (m)
		Total P	Filterable Reactive P	Total N (µg/L)	Oxidised N				Ammonium N	Chlorophyll-a (µg/L)	Electrical Conductivity (µS/cm)	pH	
Existing WQO for Moderately Disturbed waters	20							1.6			8.2	90	
	Median	25	6	170	4	11	8	13	2.75	N.A.			
	80										8.4	105	
Broadwater	10	8	1	58	1	1	0	3	1.3	0.5	8.0	91	20
Broadwater extends from Sovereign Island southwards to the Nerang River estuary	20	11	3	90	1	1	1	4	1.5	0.7	8.1	93	30
	40	14	4	120	1	3	2	9	2.0	1.2	8.2	97	50
	50	15	5	130	2	4	2	11	2.3	1.5	8.2	98	60
	70	19	7	160	5	8	3	15	3.0	2.1	8.3	101	80
	80	22	8	180	9	10	4	20	3.5	2.6	8.3	103	90
Count		1386	1386	1386	1386	1386	1769	114	1675	1371	1769	1691	Count

I.D. - Insufficient Data
N.D. - No Data
N.A. - Not Applicable