

# South East Queensland Water Quality Objectives Review

## Water Quality Indicator Percentiles

### Caboolture River Basin - Part of Basin 142

#### Caboolture River - 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	Oxidised N	Ammonium N				Chlorophyll-a	Electrical Conductivity	pH	Dissolved Oxygen	
		(µg/L)					(NTU)	(mg/L)	(m)	(µg/L)	(µS/cm)		(%)	
Existing WQO for Moderately Disturbed waters	20							1.5				8	90	
	Median	20	6	200	3	8	6	15		2	N.A.			
	80											8.4	105	
Caboolture River and Burpengary Creek estuaries	10	20	5	180	1	1	2	-	0.8	0.8		7.9	89	20
	20	25	7	200	1	1	4	8	0.9	1		8.0	92	30
	40	31	10	230	1	2	5	22	1.2	2		8.1	95	50
	50	35	11	260	1	3	6	29	1.3	3		8.1	96	60
	70	42	15	310	6	8	8	70	1.6	4		8.2	99	80
	80	50	17	340	13	12	10	163	2.0	6		8.2	102	90
Count	394	394	394	394	392	393	8	393	372		392	393	Count	

#### Caboolture River - Mid Estuary 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	Oxidised N	Ammonium N				Chlorophyll-a	Electrical Conductivity	pH	Dissolved Oxygen	
		(µg/L)					(NTU)	(mg/L)	(m)	(µg/L)	(µS/cm)		(%)	
Existing WQO for Moderately Disturbed waters	20							1				7	85	
	Median	25	6	300	10	10	8	20		4	N.A.			
	80											8.4	105	
Caboolture River and Burpengary Creek estuaries	10	28	4	356	1	3	6	8	0.5	2		7.1	65	20
	20	37	7	430	10	6	7	13	0.6	3		7.2	70	30
	40	48	11	570	61	27	10	18	0.8	5		7.4	79	50
	50	55	14	640	91	46	12	22	0.8	7		7.5	83	60
	70	72	20	810	160	78	17	31	1.0	11		7.7	92	80
	80	87	26	906	220	103	22	39	1.2	15		7.8	99	90
Count	1327	1305	1308	1412	1375	1492	84	1301	1389		1483	1390	Count	

#### Caboolture River - Upper Estuary 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	Oxidised N	Ammonium N				Chlorophyll-a	Electrical Conductivity	pH	Dissolved Oxygen	
		(µg/L)					(NTU)	(mg/L)	(m)	(µg/L)	(µS/cm)		(%)	
Existing WQO for Moderately Disturbed waters	20							0.5				7	80	
	Median	30	10	450	15	3	25	25		8	N.A.			
	80											8.4	105	
Caboolture River and Burpengary Creek estuaries	10	24	3	390	5	3	5	3	0.5	3		7.1	67	20
	20	27	4	470	31	6	7	6	0.5	5		7.2	75	30
	40	40	7	590	99	16	10	11	0.7	8		7.3	87	50
	50	54	8	700	135	21	12	15	0.8	11		7.4	92	60
	70	67	13	844	210	50	18	24	1.1	18		7.5	103	80
	80	81	16	906	280	94	24	31	1.2	24		7.7	116	90
Count	101	93	101	134	134	547	10	237	434		557	268	Count	

#### Caboolture River - Lowland Freshwaters

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	Oxidised N	Ammonium N				Chlorophyll-a	Electrical Conductivity	pH	Dissolved Oxygen	
		(µg/L)					(NTU)	(mg/L)	(m)	(µg/L)	(µS/cm)		(%)	
Existing WQO for Moderately Disturbed waters	20							N.A.		5	520	6.5	85	
	Median	50	20	500	60	20	50	6						
	80											8	110	
All Sub-catchments	10	10	2	230	1	3	1	2		0.5	234	6.5	47	20
	20	14	3	280	3	3	1	2		1	287	6.9	60	30
	40	20	6	390	15	8	3	4		2	391	7.4	80	50
	50	23	8	430	24	10	4	4		3	427	7.6	88	60
	70	36	12	560	81	16	8	7		6	551	7.8	97	80
	80	47	13	654	128	22	14	9		10	642	7.9	104	90
Count	307	228	297	269	266	124	218		28	264	258	68	Count	
Burpengary Creek incl Little Burpengary Creek	10	29	3	253	7	4	3	2			327	6.5	62	20
	20	30	6	296	9	5	4	4			511	6.9	77	30
	40	43	8	486	31	10	7	6			652	7.2	80	50
	50	49	9	540	38	12	8	6		N.D.	694	7.3	84	60
	70	52	16	749	65	20	13	12			966	7.5	92	80
	80	108	22	922	125	25	16	31			1154	7.6	99	90
Count	20	20	20	20	20	9	9			33	33	9	Count	
Caboolture River incl Lagoon, Waraba and Sheepstation Creeks	10	10	2	221	1	3	1	2		0.5	221	6.5	45	20
	20	14	3	280	3	3	1	2		1	280	6.9	56	30
	40	20	6	390	13	7	3	3		2	374	7.5	80	50
	50	22	8	420	24	9	4	4		3	408	7.6	89	60
	70	34	11	546	82	16	8	7		6	493	7.8	98	80
	80	44	13	640	130	22	14	9		10	576	7.9	108	90
Count	267	190	259	231	228	97	206		14	231	225	59	Count	

# South East Queensland Water Quality Objectives Review

## Water Quality Indicator Percentiles

### Caboolture River Basin - Part of Basin 142

#### Caboolture River - Upland Freshwaters

Sub-Basin	Percentile	Nutrients					Turbidity		Productivity		Phys-Chem		Percentiles for DO(%)	
		Total P	Filterable Reactive P	Total N (µg/L)	Oxidised N	Ammonium N	Turbidity (NTU)	Total Suspended Solids (mg/L)	Secchi (m)	Chlorophyll-a (µg/L)	Electrical Conductivity (µS/cm)	pH		Dissolved Oxygen (%)
Existing WQO for Moderately Disturbed waters	20										6.5	90		
	Median	30	15	250	40	10	25	6	2	520				
	80										8.2	110		
All Sub-catchments	10	-	-	-	-	-	-	-	-	-	-	-	94	20
	20	12	6	185	15	5	1	0.1		128	7.3	99	30	
	40	17	7	284	47	9	3	0.3		313	7.9	102	50	
	50	23	8	299	56	20	5	1.8	N.D.	326	8.0	106	60	
	70	31	12	505	80	30	8	5.9		342	8.3	115	80	
	80	44	23	654	127	31	9	9.0		369	8.4	-	90	
<b>Count</b>		8	8	8	8	8	6	8		8	8	8	<b>Count</b>	

I.D. - Insufficient Data

N.D. - No Data

N.A. - Not Applicable