

# South East Queensland Water Quality Objectives Review Consultation Draft Water Quality Data

## Brisbane River Estuary - Part of Basin 143

### Brisbane River Estuary - Lowland Freshwaters

Sub-Basin	Percentile	Nutrients					Turbidity		Productivity		Phys-Chem		Percentiles for DO(%) and Secchi (m)	
		Total P	Filterable Reactive P	Total N	Oxidised N	Ammonium N	Turbidity	Total Suspended Solids	Secchi	Chlorophyll-a	Electrical Conductivity	pH		Dissolved Oxygen
		(µg/L)					(NTU)	(mg/L)	(m)	(µg/L)	(µS/cm)			(%)
Existing WQO for Moderately Disturbed waters	20													
	Median	50	20	500	60	20	50	6	N.A.	5	600	6.5	85	
	80											8	110	
All Sub-catchment combined	10	15	3	202	1	3	1	1	0.5	318	6.8	52	20	
	20	20	4	260	5	6	2	2	0.8	400	6.9	60	30	
	40	32	7	410	24	12	6	4	1.5	508	7.1	70	50	
	50	39	8	470	43	18	8	5	2.0	560	7.2	75	60	
	60	60	14	660	130	36	13	10	3.8	691	7.4	86	80	
	80	78	20	810	230	57	18	14	6.1	860	7.5	96	90	
	Count	1615	1567	1610	1593	1593	1896	1122	1422	2029	2031	1881	Count	
Breakfast Creek	10	91	30	530	14	7	8	10	3.3	4638	7.1	67	20	
	20	101	30	538	65	21	8	10	5.4	8336	7.2	78	30	
	40	120	40	611	101	50	12	17	7.9	21560	7.3	83	50	
	50	120	36	587	87	47	13	19	8.9	25150	7.3	86	60	
	70	134	45	691	194	64	20	22	14.9	28410	7.3	95	80	
	80	148	63	708	200	102	28	28	17.7	29460	7.4	98	90	
	Count	12	12	12	12	12	12	12	12	12	12	12	Count	
Bulimba Creek Middle	10	26	4	562	198	10	4	2	0.9	255	6.5	77	20	
Bulimba Creek upper incl Mimosa Creek	20	30	6	804	276	12	5	3	1.3	286	6.7	79	30	
	40	44	9	976	610	17	7	6	1.6	367	6.9	83	50	
	50	54	10	1361	960	20	9	6	2.7	400	7.1	84	60	
	70	67	16	1800	1400	39	18	11	4.4	480	7.2	87	80	
	80	76	21	2382	1800	50	25	13	5.1	514	7.3	90	90	
	Count	62	59	62	59	59	51	51	48	75	75	48	Count	
Cubberla Creek	10	16	3	140	3	7	1	1	0.3	639	6.9	48	20	
	20	17	3	150	4	8	1	1	0.5	643	6.9	53	30	
	40	23	4	200	6	15	2	1	0.8	713	7.1	60	50	
	50	24	5	236	9	20	2	1	0.8	782	7.2	65	60	
	70	28	7	290	10	26	3	2	1.0	957	7.2	72	80	
	80	29	8	306	19	31	4	3	1.5	982	7.3	83	90	
	Count	16	15	16	15	15	15	15	15	15	15	15	Count	
Enoggera Creek	10	9	2	152	1	1	0	1	0.6	200	6.8	58	20	
	20	15	3	153	1	1	1	2	0.7	266	6.9	68	30	
	40	19	5	202	1	3	1	5	1.5	453	7.3	80	50	
	50	21	6	305	4	4	2	7	2.5	560	7.4	82	60	
	70	34	9	470	23	10	4	18	6.0	825	7.7	88	80	
	80	50	17	560	84	18	5	37	7.5	1060	7.8	100	90	
	Count	255	237	251	251	251	81	245	61	81	81	81	Count	
Farm Creek	10	48	22	444	13	19	2	1	0.8	375	7.3	44	20	
	20	52	24	484	18	24	3	2	1.7	426	7.4	46	30	
	40	62	32	553	51	38	3	5	2.6	495	7.6	54	50	
	50	69	35	564	61	51	5	6	3.3	523	7.6	56	60	
	70	88	42	682	66	77	13	7	4.7	649	7.6	60	80	
	80	122	65	866	70	85	17	9	5.1	676	7.7	64	90	
	Count	12	12	12	12	12	12	12	12	12	12	12	Count	
Fish Creek	10	62	42	260	33	6	0.3	1	0.5	581	7.5	76	20	
	20	66	50	320	84	9	1	1	0.6	851	7.6	79	30	
	40	85	53	594	262	13	1	1	0.8	1076	7.8	83	50	
	50	90	57	650	335	18	1	1	1.1	1110	7.8	86	60	
	70	101	67	853	456	32	3	3	1.9	1301	7.9	92	80	
	80	110	81	926	560	36	6	5	3.3	1338	8.0	109	90	
	Count	24	24	24	24	24	24	24	24	24	24	24	Count	
Gap Creek	10	12	2	192	1	5	2	2	0.5	115	6.5	39	20	
	20	16	3	252	1	5	4	3	1.8	146	6.7	43	30	
	40	43	3	484	4	9	16	7	4.7	188	6.7	47	50	
	50	53	4	560	4	11	21	9	6.9	198	6.8	50	60	
	70	77	5	634	9	20	65	24	15.6	466	7.2	63	80	
	80	82	5	658	27	24	185	63	19.6	488	7.3	75	90	
	Count	23	23	23	23	23	23	23	23	23	23	23	Count	
Gold Creek	10	16	4	270	3	3	1	1	0.9	228	7.0	54	20	
	20	20	6	414	10	7	1	1	0.5	251	7.1	56	30	
	40	26	8	618	34	22	2	3	1.8	312	7.3	65	50	
	50	32	10	680	49	31	2	3	1.3	415	7.3	68	60	
	70	44	18	964	160	68	3	5	3.2	564	7.4	76	80	
	80	71	22	1212	307	101	3	7	4.0	606	7.5	77	90	
	Count	73	59	73	71	71	24	81	24	24	24	24	Count	
Ithaca Creek	10	23	6	375	16	13	1	1	0.6	349	7.0	46	20	
	20	29	8	410	28	17	1	1	1.1	393	7.0	51	30	
	40	41	10	495	80	26	2	3	1.9	497	7.2	57	50	
	50	45	12	535	120	43	2	3	2.0	534	7.3	63	60	
	70	55	18	1442	1110	83	5	4	3.5	610	7.4	72	80	
	80	68	22	1800	1240	360	6	5	3.6	660	7.5	87	90	
	Count	27	24	26	24	24	29	29	24	30	31	24	Count	
Moggill Creek Middle	10	13	4	160	1	4	0	1	0.5	336	7.0	48	20	
	20	16	5	200	5	5	1	1	0.8	419	7.1	55	30	
	40	24	7	250	14	8	2	1	1.3	511	7.3	63	50	
	50	28	9	280	21	10	2	2	1.6	536	7.3	68	60	
	70	38	15	367	54	14	4	4	2.8	595	7.4	77	80	
	80	47	20	425	88	18	7	5	3.9	637	7.5	84	90	
	Count	272	272	272	272	272	401	149	258	407	407	401	Count	
Moggill Creek Upper	10	10	4	198	3	4	0	1	0.3	296	7.1	58	20	
	20	12	5	222	5	5	1	1	0.6	350	7.1	64	30	
	40	17	6	270	10	7	2	3	1.1	431	7.2	69	50	
	50	19	7	312	12	8	3	4	1.2	454	7.3	73	60	
	70	26	9	372	20	12	5	6	2.5	500	7.3	79	80	
	80	37	11	493	26	13	8	9	4.2	550	7.4	88	90	
	Count	66	66	66	66	66	64	26	63	65	65	64	Count	

# South East Queensland Water Quality Objectives Review Consultation Draft Water Quality Data

## Brisbane River Estuary - Part of Basin 143

### Brisbane River Estuary - Lowland Freshwaters continued.

Sub-Basin	Percentile	Nutrients				Turbidity			Productivity		Phys-Chem		Percentiles for DO(%) and Secchi (m)
		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	
Existing WQO for Moderately Disturbed waters	20										6.5	85	
	Median	50	20	500	60	20	50	6	N.A.	5	600		
	80											8	110
Mount Ommaney Creek	10	33	3	442	1	20	2	3	0.7	321	6.7	41	20
	20	41	5	594	4	29	4	4	0.8	412	6.7	47	30
	40	61	6	686	50	77	5	5	3.4	484	6.8	64	50
	50	69	6	800	81	93	7	5	3.9	808	6.9	78	60
	70	79	14	901	250	131	13	6	9.7	1473	7.1	95	80
	80	120	24	946	348	154	15	7	14.1	1570	7.2	113	90
	Count	24	24	24	24	24	24	24	22	24	24	24	24
Norman Creek freshwater	10	19	3	298	6	6	4	2	0.5	289	6.7	65	20
	20	26	4	356	13	10	5	3	0.9	332	6.8	73	30
	40	42	6	480	66	18	7	5	1.5	439	7.1	87	50
	50	47	7	534	110	26	10	6	1.7	469	7.2	98	60
	70	67	12	690	214	68	16	10	3.2	588	7.4	113	80
	80	97	15	770	266	106	19	14	5.2	672	7.6	125	90
	Count	89	83	89	83	83	80	77	72	104	104	72	Count
Perrin Creek	10	56	6	520	5	19	4	4	1.6	525	6.8	44	20
	20	62	9	526	7	22	7	5	3.0	550	6.8	45	30
	40	72	11	668	29	38	12	10	4.7	615	6.9	53	50
	50	81	13	685	51	55	15	12	6.2	740	7.0	57	60
	70	152	21	749	97	75	19	16	10.2	857	7.0	69	80
	80	188	30	758	118	95	21	28	10.7	946	7.1	72	90
	Count	12	12	12	12	12	12	12	11	12	12	12	Count
Pullen Pullen Creek	10	17	5	171	6	6	2	2	0.9	546	6.9	43	20
	20	22	6	224	8	9	3	2	0.9	563	6.9	44	30
	40	31	6	340	25	16	4	3	1.7	631	7.1	50	50
	50	37	8	430	31	19	4	3	2.0	659	7.2	56	60
	70	47	15	508	39	24	6	4	2.3	683	7.3	63	80
	80	63	36	631	55	36	11	6	3.0	713	7.3	67	90
	Count	18	16	18	16	16	18	18	16	18	18	16	Count
Sandy Creek (Indooroopilly)	10	34	11	847	407	46	3	2	0.8	687	7.6	71	20
	20	40	14	946	470	54	3	2	0.7	718	7.7	75	30
	40	54	23	1100	524	107	4	3	2.1	772	7.8	84	50
	50	58	24	1150	550	150	4	3	1.8	852	7.9	87	60
	70	82	32	1340	656	204	6	3	2.5	878	8.0	93	80
	80	94	47	1488	720	242	7	4	3.1	880	8.1	117	90
	Count	12	12	12	12	12	12	12	12	12	12	12	Count

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