

South East Queensland Water Quality Objectives Review

Water Quality Indicator Percentiles

Upper Brisbane River Basin - Part of Basin 143

Upper Brisbane River Basin - Lowland Freshwaters

Sub-Basin	Percentile	Nutrients					Turbidity (NTU)	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	Dissolved Oxygen (%)	Sulfate as SO ₄ (mg/L)	
Existing WQO for Moderately Disturbed waters	20														
	Median	50	20	500	60	20	10	6	N.A.	5	750	6.5	85		
	80											8	110		
All Sub-catchments combined	10	22	6	199	1	1	1	2		1.0	493	7.2		3	20
	20	28	8	230	2	1	2	3		1.0	606	7.4		5	30
	40	41	12	298	4	2	3	5		2.9	695	7.7		8	50
	50	47	14	331	6	4	4	7		3.8	753	7.8	I.D.	10	60
	70	70	22	454	19	8	8	10		6.6	842	8.0		13	80
	80	87	27	556	54	12	10	15		7.5	926	8.2		16	90
Count	233	113	213	113	128	170	167		23	290	304	3	150	Count	
Brisbane River in Moore	10	21	10	198	2	1	1	1			528	7.5		5	20
	20	35	12	230	2	2	1	4			629	7.6		7	30
	40	50	20	278	3	2	3	7			689	7.9		10	50
	50	64	24	330	4	2	4	9	N.D.		723	8.0	N.D.	11	60
	70	92	32	483	6	4	10	15			819	8.2		14	80
	80	113	43	589	15	5	15	21			859	8.2		16	90
Count	91	24	78	24	24	78	74		0	117	111	0	79	Count	
Emu Creek	10	24	6	262	1	1	1	3			506	7.3		3	20
	20	26	6	314	1	1	2	3			610	7.5		5	30
	40	39	10	368	2	2	2	5			728	7.8		8	50
	50	47	13	390	3	3	3	8	N.D.		766	8.0	N.D.	9	60
	70	57	19	522	5	7	6	10			833	8.1		14	80
	80	71	27	589	6	11	8	14			917	8.2		16	90
Count	50	24	43	24	24	38	39		0	66	64	0	40	Count	
Lower Cressbrook Creek	10	20	6	180	1	1	1	2		1.0	456	7.0		1	20
	20	24	8	204	3	2	2	3		1.0	479	7.2		2	30
	40	34	12	264	9	2	3	3		2.9	566	7.5		4	50
	50	37	14	290	18	5	4	5		3.8	586	7.6	I.D.	5	60
	70	47	18	372	53	11	6	6		6.6	683	7.7		8	80
	80	64	25	409	89	12	8	7		7.5	759	7.8		15	90
Count	57	34	57	34	49	43	43		23	47	69	3	20	Count	
Maronghi Creek	10	36	6	200	1	1	3	5			642	6.9		8	20
	20	40	7	230	1	1	3	5			687	7.2		9	30
	40	43	13	300	31	4	3	6			763	7.5		11	50
	50	47	16	320	54	7	3	8	N.D.		790	7.7	N.D.	11	60
	70	57	21	400	95	13	6	13			890	7.9		12	80
	80	61	23	520	133	17	9	16			934	8.1		12	90
Count	21	20	21	20	20	9	9		0	34	34	0	9	Count	
Eastern Wivenhoe	10	24	5	196	5	1					912	7.4			20
	20	28	6	230	6	2					1058	7.4			30
	40	30	9	270	8	6					1126	7.6			50
	50	34	10	290	8	6	N.D.	N.D.	N.D.		1188	7.8	N.D.	N.D.	60
	70	47	13	380	8	8					1247	7.9			80
	80	47	13	470	8	9					1260	8.0			90
Count	11	11	11	11	11	0	0	0	0	24	24	0	0	Count	
Western Wivenhoe	10														20
	20														30
	40														50
	50	I.D.	N.D.	I.D.	N.D.	N.D.	I.D.	I.D.	N.D.	I.D.	I.D.	N.D.	I.D.		60
	70														80
	80														90
Count	3	0	3	0	0	2	2	0	0	2	2	0	2	Count	

South East Queensland Water Quality Objectives Review

Water Quality Indicator Percentiles

Upper Brisbane River Basin - Part of Basin 143

Upper Brisbane River Basin - Upland Freshwaters

Sub-Basin	Percentile	Nutrients					Turbidity (NTU)	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	Dissolved Oxygen (%)	Sulfate as SO ₄ (mg/L)	
Existing WQO for Moderately Disturbed waters	20														
	Median	30	15	250	40	10	5	6	N.A.	2	750	6.5	90		
	80											8.2	110		
All Sub-catchments combined	10	10	2	148	1	1	1	3		1.0	327	6.9		11	20
	20	20	3	210	1	1	1	3		1.0	454	7.1		15	30
	40	30	6	318	3	4	2	4		1.0	676	7.4		23	50
	50	40	8	380	4	5	3	6		1.0	795	7.5 I.D.		24	60
	70	72	15	540	15	9	10	12		1.0	1137	7.8		32	80
	80	100	25	700	35	13	18	25		1.0	1490	7.9		35	90
	Count	190	174	188	174	189	47	44		22	348	368	3	21	Count
Brisbane River in Moore	10	18	5	101	1	1					645	7.1			20
	20	35	7	122	3	1					685	7.2			30
	40	62	14	170	4	4					721	7.4			50
	50	93	27	180	6	5	N.D.	N.D.		N.D.	845	7.4 N.D.		N.D.	60
	70	127	56	285	7	6					1040	7.7			80
	80	130	60	378	14	7					1130	7.8			90
	Count	22	22	22	22	22	0	0		0	46	46	0	0	Count
Cooyar Creek	10	13	1	314	1	1	1	1			1013	7.1		16	20
	20	20	1	351	1	2	1	3			1293	7.3		23	30
	40	32	4	470	2	3	2	5			1684	7.5		25	50
	50	38	8	520	3	4	2	5		N.D.	1864	7.5 N.D.		28	60
	70	74	15	706	5	6	3	10			2885	7.7		35	80
	80	107	25	958	5	11	6	12			3450	7.9		36	90
	Count	39	32	39	32	32	18	18		0	66	64	0	16	Count
Emu Creek	10	10	3	259	1	1					539	7.0			20
	20	22	3	272	1	1					746	7.2			30
	40	37	4	298	1	3					1088	7.4			50
	50	44	7	353	2	7	I.D.	I.D.		N.D.	1321	7.5 N.D.		I.D.	60
	70	90	12	580	4	9					1635	7.7			80
	80	99	17	688	10	18					1777	7.8			90
	Count	24	21	22	21	21	3	2		0	57	57	0	3	Count
Maronghi Creek	10														20
	20														30
	40														50
	50	I.D.	N.D.	I.D.	N.D.	N.D.	I.D.	I.D.		N.D.	I.D.	I.D.	N.D.	I.D.	60
	70														80
	80														90
	Count	1	0	1	0	0	2	1		0	2	2	0	1	Count
Monsildale Creek	10	22	5	170	1	1					483	7.2			20
	20	23	6	200	2	1					536	7.4			30
	40	50	13	250	4	1					594	7.7			50
	50	60	16	300	4	2	N.D.	N.D.		N.D.	613	7.9	N.D.	N.D.	60
	70	64	22	360	4	5					647	8.2			80
	80	72	28	460	4	5					662	8.4			90
	Count	11	11	11	11	11	0	0		0	24	24	0	0	Count
Upper Brisbane River	10	31	4	202	1	1					417	7.3			20
	20	40	7	234	1	1					491	7.6			30
	40	65	9	352	1	2					736	7.8			50
	50	72	14	420	2	3	I.D.	I.D.		N.D.	810	7.8	N.D.	I.D.	60
	70	114	32	634	4	9					991	8.1			80
	80	156	47	1052	5	12					1061	8.1			90
	Count	23	22	23	22	22	1	1		0	47	47	0	1	Count
Upper Cressbrook Creek	10	12	1	291	1	1					348	6.6			20
	20	24	2	304	1	3					403	6.8			30
	40	29	3	378	1	4					511	7.2			50
	50	30	3	430	2	4	I.D.	N.D.		N.D.	560	7.3	N.D.	N.D.	60
	70	47	4	635	5	8					715	7.5			80
	80	58	5	962	10	11					822	7.8			90
	Count	22	22	22	22	22	1	0		0	49	49	0	0	Count
Upper Perseverance Creek	10														20
	20														30
	40														50
	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.		N.D.	I.D.	I.D.	N.D.	N.D.	60
	70														80
	80														90
	Count	0	0	0	0	0	0	0		0	6	6	0	0	Count
Eastern Wivenhoe	10	10	6	110	8	1					170	6.4			20
	20	15	7	120	10	2					186	6.6			30
	40	20	7	144	14	4					222	6.8			50
	50	23	7	150	14	5	N.D.	N.D.		N.D.	228	6.8	N.D.	N.D.	60
	70	29	11	160	24	6					245	6.9			80
	80	30	14	280	32	7					262	7.2			90
	Count	11	11	11	11	11	0	0		0	24	24	0	0	Count
Western Wivenhoe	10	5	3	140	13	2	1	3		1.0	282	6.9			20
	20	6	5	150	34	2	1	3		1.0	328	7.2			30
	40	21	7	332	64	7	2	3		1.0	427	7.4			50
	50	25	8	440	81	10	4	5		1.0	458	7.5	I.D.	N.D.	60
	70	57	13	536	210	18	26	18		1.0	637	7.7			80
	80	60	18	652	242	25	39	35		1.0	772	7.8			90
	Count	37	33	37	33	48	22	22		22	27	49	3	0	Count

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