

Comparison of last 3 years results with the full 17 years

Sample Site	Date Sampled	Water Temp. (C)	Air Temp. (C)	Avail Phos (mg/L (PO4))	Dissolved Oxygen (mg/L)	pH (pH units)	Electical Conductivity (C)	Turbidity (NTU)	Turbidity (FTU)	E.coli (cfu/100 mL)	Conform s (cfu/100 mL)
Catchment exit summary	NO. of tests (with flow)	171	16	171	171	170	170	171	109	167	15
	Mean	14.5	16.7	0.03	9.1	7.0	321	11	3	21	1033
	Median	15.0	18.5	0.02	9.1	7.0	330	10	2	0	800
	Maximum	25.0	22.5	0.14	15.8	8.0	490	60	31	1600	4100
2009-2025	Standard deviation	3.9	5.0	0.03	2.1	0.3	69	5	5	140	1051
	ANZECC min				6.0	6.5					
	ANZECC max	NA	NA	0.0612		8.5	<300	<50	<50	<150	
	ANZECC No. compliant			153	165	170	57	170	109	163	15
	ANZECC % within Guidelines			89%	96%	100%	34%	99%	100%	98%	100%
	NO. of tests (with flow)	10	7	10	10	9	10	10	10	10	7
	Mean	16.6	18.9	0.02	7.2	6.9	301	10	2	10	600
2023-2025	Median	17.0	19.5	0.01	7.2	7.0	305	10	2	0	600
	Maximum	19.5	21.0	0.06	9.1	7.0	440	10	5	100	1200
	Standard deviation	2.4	2.2	0.02	1.3	0.2	68	0	2	32	507
	ANZECC min				6.0	6.5					
	ANZECC max	NA		0.0612		8.5	<300	<50	<50	<150	
	ANZECC No. compliant			10	9	9	5	10	10	10	7
	ANZECC % within Guidelines			100%	90%	100%	50%	100%	100%	100%	100%
2023/2025 to 2009/2025	Means	114%	113%	62%	79%	99%	94%	91%	60%	48%	58%
	Medians	113%	105%	25%	79%	100%	92%	100%	75%	#DIV/0!	75%
Ratios	Standard deviations	62%	44%	79%	60%	63%	98%	0%	38%	23%	48%
	Standard deviations/means	54%	39%	128%	76%	63%	104%	0%	64%	47%	83%
Still Creek at Mansfield summary	NO. of tests (with flow)	179	26	179	179	179	178	178	99	174	21
	Mean	16.1	19.7	0.03	8.6	7.0	502	11	6	33	826
	Median	16.5	19.8	0.02	8.5	7.0	480	10	4	0	600
	Maximum	29.0	30.0	0.27	13.6	8.0	870	40	37	1600	4500
	Standard deviation	4.7	6.3	0.04	1.8	0.6	156	3	6	179	982
2009-2025	ANZECC min				6.0	6.5					
	ANZECC max	NA		0.0612		8.5	<300	<50	<50	<150	
	ANZECC No. compliant			145	160	173	11	173	93	159	21
	ANZECC % within Guidelines			81%	89%	97%	6%	97%	94%	91%	100%
	NO. of tests (with flow)	26	17	26	26	26	25	26	26	26	20
	Mean	18.4	20.4	0.02	8.7	6.8	480	11	5	62	843
2023-2025	Median	19.0	22.0	0.01	9.0	6.8	470	10	3	0	650
	Maximum	25.5	30.0	0.16	11.0	7.5	770	20	25	900	4500
	Standard deviation	4.4	7.2	0.03	1.7	0.4	135	3	6	190	1005
	ANZECC min				6.0	6.5					
	ANZECC max	NA		0.0612		8.5	<300	<50	<50	<150	
	ANZECC No. compliant			26	24	26	3	26	26	26	20
	ANZECC % within Guidelines			100%	92%	100%	12%	100%	100%	100%	100%
2023/2025 to 2009/2025	Means	115%	104%	60%	101%	96%	96%	100%	85%	185%	102%
	Medians	115%	111%	50%	105%	96%	98%	100%	75%	#DIV/0!	108%
Ratios	Standard deviations	93%	115%	76%	94%	61%	87%	86%	94%	106%	102%
	Standard deviations/means	81%	111%	126%	93%	63%	90%	86%	110%	57%	100%
Charltons Ck summary	NO. of tests (with flow)	185	34	185	185	185	185	185	120	181	31
	Mean	14.9	16.5	0.04	8.7	6.9	361	12	6	72	1552
	Median	15.0	16.0	0.03	8.7	7.0	350	10	5	0	700
	Maximum	24.0	27.0	0.36	14.1	8.5	950	60	42	3900	6800
2009-2025	Standard deviation	4.0	4.6	0.06	2.2	0.4	103	7	6	421	1896
	ANZECC min				6.0	6.5					
	ANZECC max	NA	NA	0.0612		8.5	<300	<50	<50	<150	
	ANZECC No. compliant			151	164	181	25	180	120	166	31
	ANZECC % within Guidelines			82%	89%	98%	14%	97%	100%	92%	100%
	NO. of tests (with flow)	23	23	23	23	23	23	23	23	23	23
	Mean	16.0	17.1	0.0	7.8	6.5	374.8	11.3	4.8	208.7	1504.3
2023-2025	Median	16.0	16.5	0.0	8.5	6.5	360.0	10.0	5.0	0.0	700.0
	Maximum	22.0	27.0	0.2	11.2	7.0	790.0	20.0	14.0	3900.0	6800.0
	Standard deviation	3.8	4.6	0.0	2.4	0.3	105.8	2.7	3.7	807.3	2059.7
	ANZECC min				6.0	6.5					
	ANZECC max	NA	NA	0.0612		8.5	<300	<50	<50	<150	
	ANZECC No. compliant			21	17	23	20	23	23	20	23
	ANZECC % within Guidelines			91%	74%	100%	87%	100%	100%	87%	100%
2023/2025 to 2009/2025	Means	107%	103%	65%	90%	94%	104%	91%	81%	291%	97%
	Medians	107%	103%	33%	98%	93%	103%	100%	100%	#DIV/0!	100%
Ratios	Standard deviations	96%	99%	70%	108%	76%	102%	40%	60%	192%	109%
	Standard deviations/means	90%	96%	108%	120%	80%	98%	44%	73%	66%	112%