

Sample Site	Date Sampled	Temp. (C)	Avail Phos (mg/L (PO4))	Disolved Oxygen (mg/L)	pH (pH units)	Electical Conductivity (C)	Turbidity (NTU)	Turbidity (FTU)	E.coli (cfu/100 mL)
Catchment exit summary	NO. of tests (with flow)	43	43	43	43	43	43	0	43
	Mean	14.7	0.03	8.0	7.2	331	11		0
	Median	15.0	0.03	8.1	7.0	330	10		0
	Maximum	25.0	0.10	11.0	8.0	490	30		0
2009-2012	Standard deviation	4.3	0.02	1.6	0.3	67	3		0
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		40	39	43	12	43	0	43
	ANZECC % within Guidelines		93%	91%	100%	28%	100%		100%
	NO. of tests (with flow)	49	49	49	49	48	49	31	49
	Mean	14.3	0.02	9.2	7.0	310	12	4	2
	Median	15.0	0.00	9.4	7.0	330	10	2	0
2013-2016	Maximum	20.0	0.11	13.8	7.5	420	60	31	100
	Standard deviation	3.6	0.03	1.8	0.1	64	7	6	14
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		47	47	49	16	48	31	49
	ANZECC % within Guidelines		96%	96%	100%	33%	98%	100%	100%
	NO. of tests (with flow)	58	58	58	58	58	58	58	57
	Mean	14.4	0.03	10.3	6.9	340	11	2	56
2017-2021	Median	15.0	0.01	10.4	7.0	350	10	1	0
	Maximum	21.5	0.13	15.8	7.0	480	30	12	1600
	Standard deviation	4.0	0.03	2.2	0.2	65	3	3	235
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		50	58	58	16	58	58	53
	ANZECC % within Guidelines		86%	100%	100%	28%	100%	100%	93%
2017/2021 to 2009/2012 Ratios	Means	97%	86%	129%	96%	103%	98%	#DIV/0!	#DIV/0!
	Medians	100%	33%	128%	100%	106%	100%	#DIV/0!	#DIV/0!
	Standard deviations	93%	131%	138%	63%	96%	86%	#DIV/0!	#DIV/0!
	Standard deviations/means	95%	153%	107%	66%	94%	88%		
2017/2021 to 2013/2016 Ratios	Means	100%	152%	112%	99%	110%	91%	49%	2751%
	Medians	100%	#DIV/0!	110%	100%	106%	100%	50%	#DIV/0!
	Standard deviations	28%	191%	24%	3%	21%	24%	65%	11529%
	Standard deviations/means	28%	125%	21%	3%	19%	26%	134%	419%
Still Creek at Mansfield summary	NO. of tests (with flow)	40	40	40	40	40	40		40
	Mean	15.7	0.04	7.8	7.2	504	11		0
	Median	16.0	0.04	7.8	7.0	490	10		0
	Maximum	23.0	0.15	10.4	8.0	840	15		0
	Standard deviation	4.4	0.04	1.3	0.4	138	2		0
2009-2012	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50		<150
	ANZECC No. compliant		33	39	40	3	40		40
	ANZECC % within Guidelines		83%	98%	100%	8%	100%		100%
	NO. of tests (with flow)	46	46	46	46	46	46	12	46
	Mean	16.1	0.03	9.1	7.2	514	11	7	4
	Median	16.5	0.01	8.7	7.0	500	10	6	0
2013-2016	Maximum	29.0	0.15	13.0	8.0	870	30	35	200
	Standard deviation	5.1	0.04	1.8	0.3	168	3	9	29
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		36	46	46	1	46	12	45
	ANZECC % within Guidelines		78%	100%	100%	2%	100%	100%	98%
	NO. of tests (with flow)	56	56	56	56	56	56	50	55
	Mean	15.1	0.03	9.0	6.9	514	11	5	64
2017-2021	Median	15.0	0.02	9.1	7.0	510	10	4	0
	Maximum	25.0	0.16	13.6	7.5	870	15	18	1600

	Standard deviation	4.5	0.04	1.9	1.0	159	2	4	285
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		47	52	56	3	56	50	51
	ANZECC % within Guidelines		84%	93%	100%	5%	100%	100%	93%
2017/2020	Means	96%	70%	116%	96%	102%	100%	#DIV/0!	#DIV/0!
to 2009/2012	Medians	94%	43%	117%	100%	104%	100%	#DIV/0!	#DIV/0!
Ratios	Standard deviations	102%	102%	156%	258%	115%	100%	#DIV/0!	#DIV/0!
	Standard deviations/means	106%	147%	135%	268%	113%	100%		
2017/2020	Means	94%	97%	98%	97%	100%	99%	69%	1464%
to 2013/2016	Medians	91%	150%	105%	100%	102%	100%	73%	#DIV/0!
Ratios	Standard deviations	28%	124%	21%	13%	31%	16%	56%	6556%
	Standard deviations/means	30%	127%	22%	14%	31%	16%	81%	448%
Charltons Ck summary	NO. of tests (with flow)	47	47	47	47	47	47		46
	Mean	15.1	0.06	8.1	7.2	349	13		11
	Median	14.5	0.04	8.4	7.0	360	10		0
	Maximum	24.0	0.36	11.0	8.5	440	60		300
2009-2012	Standard deviation	4.3	0.08	1.7	0.4	47	8		53
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50		<150
	ANZECC No. compliant		37	43	47	4	46		44
	ANZECC % within Guidelines		79%	91%	100%	9%	98%		96%
	NO. of tests (with flow)	47	47	47	47	47	47	29	47
	Mean	14.9	0.04	8.5	6.9	345	12	7	13
	Median	15.0	0.02	8.7	7.0	360	10	5	0
2013-2016	Maximum	21.0	0.19	11.6	7.5	400	50	29	200
	Standard deviation	3.7	0.04	2.0	0.2	43	7	5	40
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		40	41	47	5	46	29	46
	ANZECC % within Guidelines		85%	87%	100%	11%	98%	100%	98%
	NO. of tests (with flow)	57	57	57	57	51	57	57	57
	Mean	14.6	0.03	9.7	6.9	396	12	5	118
	Median	15.0	0.02	10.0	7.0	350	10	4	0
	Maximum	21.5	0.11	14.1	7.5	950	40	26	3900
	Standard deviation	4.1	0.03	2.4	0.3	152	6	5	543
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.1		8.5	<300	<50	<50	<150
	ANZECC No. compliant		50.0	54.0	57.0	15.0	57.0	57.0	51.0
	ANZECC % within Guidelines		88%	95%	100%	29%	100%	100%	89%
2017/2020	Means	97%	51%	119%	96%	113%	96%	#DIV/0!	1081%
to 2009/2012	Medians	103%	50%	119%	100%	97%	100%	#DIV/0!	#DIV/0!
Ratios	Standard deviations	96%	37%	144%	61%	325%	73%	#DIV/0!	1032%
	Standard deviations/means	99%	71%	121%	64%	286%	75%		
2017/2020	Means	98%	76%	114%	100%	115%	99%	84%	921%
to 2013/2016	Medians	100%	100%	115%	100%	97%	100%	80%	#DIV/0!
Ratios	Standard deviations	28%	76%	28%	4%	44%	46%	83%	4252%
	Standard deviations/means	28%	100%	25%	4%	38%	47%	98%	462%