

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)	49	49	49	49	49	49	49	48
	Mean	14.3	0.03	10.5	7.0	344	11	2	42
2017-2020	Median	15.0	0.01	10.6	7.0	350	10	1	0
	Maximum	21.5	0.13	15.8	7.0	480	30	12	1600
	Standard deviation	4.1	0.03	2.2	0.1	68	3	3	232
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		41	49	49	13	49	49	46
	ANZECC % within Guidelines		84%	100%	100%	27%	100%	100%	96%
2017/2020 to 2009/2012 Ratios	Means	97%	89%	131%	97%	104%	99%	#DIV/0!	#DIV/0!
	Medians	100%	33%	131%	100%	106%	100%	#DIV/0!	#DIV/0!
	Standard deviations	96%	138%	139%	32%	102%	94%	#DIV/0!	#DIV/0!
	Standard deviations/means	99%	154%	106%	33%	98%	95%		
2017/2020 to 2013/2016 Ratios	Means	100%	159%	114%	100%	111%	92%	51%	2042%
	Medians	100%	#DIV/0!	113%	100%	106%	100%	50%	#DIV/0!
	Standard deviations	29%	201%	24%	1%	22%	26%	70%	11384%
	Standard deviations/means	29%	127%	21%	1%	20%	28%	135%	558%
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)	44	44	44	44	44	44	38	44
	Mean	15.2	0.03	9.0	6.9	523	11	5	80
2017-2020	Median	15.0	0.01	9.0	7.0	525	10	5	0
	Maximum	25.0	0.14	13.6	7.5	870	15	18	1600
	Standard deviation	4.7	0.04	2.1	1.1	168	2	4	317
	ANZECC min			6.0	6.5				

	ANZECC max	NA	0.0612		8.5	<300	<50	<50	<150
	ANZECC No. compliant		39	41	44	2	44	38	40
	ANZECC % within Guidelines		89%	93%	100%	5%	100%	100%	91%
2017/2020	Means	97%	58%	116%	96%	104%	99%	#DIV/0!	#DIV/0!
to 2009/2012	Medians	94%	29%	115%	100%	107%	100%	#DIV/0!	#DIV/0!
Ratios	Standard deviations	105%	91%	164%	291%	122%	96%	#DIV/0!	#DIV/0!
	Standard deviations/means	109%	156%	142%	303%	117%	96%		
2017/2020	Means	95%	81%	98%	96%	102%	98%	67%	1830%
to 2013/2016	Medians	91%	100%	103%	100%	105%	100%	91%	#DIV/0!
Ratios	Standard deviations	29%	110%	23%	15%	33%	15%	52%	7300%
	Standard deviations/means	31%	135%	23%	16%	32%	15%	78%	399%
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)	45	45	45	45	45	45	45	45
	Mean	14.8	0.03	9.9	7.0	409	12	6	133
2017-2020	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	4.2	0.03	2.5	0.2	169	6	6	609
	ANZECC min			6.0	6.5				
	ANZECC max	NA	0.1		8.5	<300	<50	<50	<150
	ANZECC No. compliant		38.0	42.0	45.0	6.0	45.0	45.0	41.0
	ANZECC % within Guidelines		84%	93%	100%	13%	100%	100%	91%
2017/2020	Means	98%	54%	122%	97%	117%	98%	#DIV/0!	1227%
to 2009/2012	Medians	103%	50%	119%	100%	97%	100%	#DIV/0!	#DIV/0!
Ratios	Standard deviations	98%	40%	149%	48%	361%	79%	#DIV/0!	1157%
	Standard deviations/means	100%	73%	122%	49%	309%	81%		
2017/2020	Means	99%	81%	116%	101%	119%	101%	86%	1044%
to 2013/2016	Medians	100%	100%	115%	100%	97%	100%	80%	#DIV/0!
Ratios	Standard deviations	28%	83%	29%	3%	49%	51%	90%	4768%
	Standard deviations/means	28%	102%	25%	3%	41%	50%	104%	456%