STILL CREEK CATCHMENT LANDCARE WATER TEST RESULTS 2009/2021 STILL CK AT MANSFIELD RD

Sample Site	Date Sampled	Rain Time	Rain Volume	Flow	Temp. (C)	Air Temp (C)	Phos. mg/L (PO4)	Dissolved Oxygen (mg/L)	pH units	Electrical Conduct (s/cm 25 C)	turby (NTU)	turby (NTU)	E.coli cols/100 (MPN)	me cols/100 (MPN)	Site Visit Comment
Still Ck at Mansfield Rd	31.12.2020 10:00pm	1-3 days	medium	Medium flow	20		0.01	4.2	7	400	10	8	0		Nil Visible Pollution. Increase in Algal growth. Dragonflies sighted mating and egg laying. Gradual scrub removal to maintain Riparian corridor of stands ale clear creek(s) fall flat, scrub/shrub outside flood
	24.12.2021 11:15am	within 24 hours	light	medium flow	18		0.01	8.7	8.5	420	10	2	0		Water slightly milky, nil odour or scum. Skinks, small birds
	21.11.2020 10:30am	within 24 hours	light	low flow	21.5		0.06	8.2	7.5	730	10	2	0		Some human litter found, pool clear with lots of algs visible
	30.10.2020 12:45pm	within 24 hours	heavy	medium flow	18		0.16	8.9	7	520	10	4	0		Skinks, Sunny day, unsighted Birds (birdsong) Weir across sample site pool raising water level and redirecting stream.
	28.02.2020 11:55am	within 24 hours	light	medium flow	21.5		0.03	9.7	7	580	10	8	0		10% tree cover over sample site. Nil odour Nil Pollution.
	28.01.2020 11:15am	1-3 days	light	low flow	24			7.7	7	600	10	2	0		50% cloud cover, nil odour and pollution
	31.12.2020 10:25am	within 24 hours	light	medium flow	21.5	24.0	0.08	8.2	7.5	770	10	2	0		No odour or scum. Heavy algae
	2.11.2020	within 24 hours	light		21.5		0.08	8.2	7.5	770	10	2	0		Some human litter, pools clear, lots of algae
	26.10.2020 8:45am	1-3 days	medium	medium flow	16	22	0.06	8.1	7	620		2	300		Nil odour or pollution. Skinks, 2x little birds
	26.09.2020 12:30pm	within 24 hours	medium	high flow	15.5	18.5	0.01	8.9	7	520	10	2	0	900	Shorne cretins kim water clear, no odour or solution, no wildlife
	19.08.2020 11:30am				14	17.5	0.01	9.7	7	480	10	8	100		
	28.07.2020 11:30am	1-3 days	medium	high flow	16	12	0.06	8.6	7	550	10	12	0		Index of creek washed clean by recent rains & flood. Frog calls, small bird calls, lorrinos blooms, european bees, [illegible]
	26.06.2022	1-3 days	light	low flow	11.5	14.5	0.04	10.3	7.5	510	10	8	100		Overcast. cockatoos, small birds
	21.05.2022 12:45pm	within 24 hours	medium	high flow	13	15.5	0.02	8.9	7	380	10	8			No solution or odour. Small birds. Overcast.
	26.04.2022 3:00pm	within 24 hours	medium	high flow	17	20	0.12	8.9	7.5	460	20	37			Cite water clare bubbles. Nil odour. Water high and noisy Few small. Birds.
	9.03.2022 2:30pm	within 24 hours	heavy	high flow	20	20	0.20	7.2	7	120	40	37			Water murky. very heavy rains for 2 weeks. slight odour of moist rot. lots of insects
	30.01.2022 2:10pm	6-7 days	medium	medium flow	23.7		0.05	6.9	7	450	10	8			Lucs strands of algae, small fim. nil dour or pollution. Cicades, small birds.
	15/12/2021 8:15 AM	6-7 days	heavy	medium flow	17		0.02	8.2	7	550	10	2			Clear sky, nil clouds, felt blessing (heavy rain yesterday)
	16/11/2021 1:00 PM	1-3 days	medium	medium flow	18.5		0.06	9.2	7	460	10	2	0		Single flock of pelicyclorne no odour. Water slightly milky. Small fish
	26/10/2021 11:00 PM	7-7 days	medium	low flow	18		0.08	9.2	7	450	10	2	0		Nil visible pollution. Nil odour. Water clear. Frog calls, dragon flies and smallbird calls
	26/09/2021 8:30 AM	7-7 days	light	medium flow	16		0.08	9.4	6.5	460	10	4	0		No salaite signed. Heavy of sickness
	27/08/2021 12:25 PM	1-3 days	medium	high flow	16		0.08	10.4	7	420	10	2	0		Nil Odour or pollution. Water appeared milky. Eastern Water Dragon, Frogs and Yellow Breasted Robins 45 MM rain
	17/07/2021 2:30 PM	1-3 days	medium	medium flow	9.5		0.06	10.3	7	460	10	8	0		Nil visible solution. nil odour. Wildlife: Wrens. Robin. Kookaburra and Ross
	26/06/2021 2:20 PM	1-3 days	light	medium flow	16		0	10.3	7	430	10	2	0		Good flow of water. Waters appeared slightly Milky. Nil odour and nil pollution visible.
	26/05/2021 1:10 PM	1-3 days	light	medium flow	12			8.6	7	550	10	2	0		Nil visible pollution. Nil odour. Nil wildlife noted
	28/04/2021 11:00 AM	6-7 days	light	medium flow	13.5		0.16	10.1	7	520	10	3	0		Thick Algal growth both floating and growing submerged. Nil odour
	27/03/2021 12:15 PM	1-3 days	heavy	high flow	18		0.12	8.6	7	390	10	14	0		Nil pollution. Nil odour. Birds. Small fish. Red dragonflies
	28/02/2021 2:10 PM	6-7 days	medium	medium flow	21.5		0.01	8.8	7	460	10	2	0		Nil visible pollution. Nil odour. Nil wildlife observed
	31/01/2021 11:10 AM	within 24 hours	medium	medium flow	20		0.02	9.3	7	570	10	2	0		Nil odour. Nil visible solution. Nil wildlife seotted
	28/12/2020 10:35 PM	within 24 hours	medium	medium flow	19.5		0	7.4	7	520	10	2	1400		No visible solution. nil odour. Eastern Water Dragon sighted
	28/11/2020 2:00 PM	6-7 days	medium	medium flow	21		0	8.4	7	480	10	2	0		Nil visible solution. Odour or Wildlife
	27/10/2020 12:42 PM	within 24 hours	medium	high flow	16		0.06	8.2	7	530	10	18	0		No Visible solution. water clouds. Nil odour.
	22/09/2020 10:28 AM	1-3 days	light	medium flow	12		0.01	10.1	7	520	10	2	0		Rain. 7mm last 2 days. 10mm last week. Clouds water: green algae too & bottom. few weeds. Full sun
	26/08/2020 10:55 AM	6-7 days	light	medium flow	9.5		0.01	10	7	520	10	3	0		No rain for a week. Cloudy 70% sunlight. Algae. No solidnt. Few weeds.
	15/07/2020 10:40 AM	within 24 hours	medium	medium flow	10		0.01	11.3	7	520	10	2	200		Sunny but full shade. Rain 5mm last 2 days. 10mm last week. Algae present: water video blue colour.
	16/06/2020 10:20 AM	1-3 days	medium	medium flow	10.5		0.01	10.7	7	580	10	8	0		Clear. some algae. no odour. sunny. partially shaded. 7mm rain last 3 days.
	13/05/2020 8:00 AM	7-7 days	light	low flow	10.5		0.01	9.8	7	600	10	8	0		Almost clear. nil odour. some nitrous algae after water flow out of a cick (Nick's sampling & observations)
	15/04/2020 2:10 PM	1-3 days	medium	medium flow	16		0.14	10.6	7	590	10	8	0		Sunny. Nil odour. Nil visible solution
	18/03/2020 10:45 AM	3-6 days	medium	high flow	16.5		0.08	8.8	7	580	10	10	100		13mm last 2 days.sea
	19/02/2020 10:45 AM	3-6 days	medium	high flow	22		0.06	11.3	7.5	600	10	10	1600		Rain 7mm last 2hrs and 300mm 8 days ago. also high flood. no issues no odour
	30/01/2020 10:38 AM	6-7 days	light	low flow	22		0.03	8.3	7	580	10	8	200		Overcast. Water can be seen in shade. Algae present. Weeds present. Nil odour. Nil visible solution. Nil wildlife observed.
	25/12/2019 10:45 am	7-7 days	light	low flow	19.5		0.02	9	7	620	10	1	0		Sunny. but sameated in a shaded overhand can't dook waterfall due to low flow.
	13/11/2019 9:45 am	7-7 days	light	low flow	16		0.07	9	7	530	10	1	0		Sunny. no cloud. Joint testing with HBC. Nick sampled.
	26/10/2019 1:07 pm	within 24 hours	medium	low flow	16		0.04	10.2	7	530	10	2	0		Sunny. Rain 7mm last week. Clouds water: green algae. Nil odour
	29/09/2019 9:45 am	6-7 days	medium	high flow	13		0.08	8.7	7	540	10	3	0		Water is cloudy. Water flow up. Nil odour.
	26/08/2019 12:15 pm	7-7 days	not recorded	low flow	11.5		0.01	9.8	7	570	10	3	0		No visible pollution. no odour. Water level at sample location was too low to collect clean sample. Relocated
	12/07/2019 10:19 am	1-3 days	light	low flow	10		0.06	8.9	7	570	10	4	0		Increase on Mistflower Weeds.
	08/06/2019 11:15 am	within 24 hours	light	low flow	10.5		0.02	9.9	7.5	580	10	2	0		Water level low. sample taken 5 metres downstream from usual site. Increase in water weeds particularly Mistflower.
	19/05/2019 12:00 pm	7-7 days	not recorded	low flow	13		0.03	9	7	530	10	2	0		South Kirmiss on surface at the edges of the pool
	07/04/2019 10:30 pm	1-3 days	medium	medium flow	13.5		0.08	8.7	7.5	560		2	0		
	18/03/2019 11:30 am	within 24 hours	medium	high flow	14		0.14	9	7.5	560	10	2	0		Recent medium/heavy rain. turbid water.
	16/02/2019 9:20 am	1-3 days	heavy	low flow	19.5		0	7	7	600	10	2	0		Sunny.
	15/01/2019 9:30 am	1-3 days	light	low flow	19.5		0	7.4	7.5	610	10	8	0		Overcast. clear water.
	20/12/2018 9:25 am	within 24 hours	heavy	high flow	16.5		0.06	9.3	7	530	10	8	0		Sunny.
	30/10/2018 9:00 am	6-7 days	light	medium flow	16		0	8.9	0	580	10	2	0		Fine, sunny. More algae in water than usual
	28/09/2018 8:00 am	1-3 days	light	low flow	8		0	12.1	7	670	10	1	0		Fine, sunny
	28/07/2018 10:00 am	7-7 days	light	low flow	8		0	10.8	7.5	770	10	1	0		Overcast, clear water
	27/06/2018 11:15 am	within 24 hours	light	low flow	9		0.04	14.1	7	750	10	2	0		Fine, cloudy, no odour
	28/05/2018 8:50 am	7-7 days	light	low flow	10		0	10.8	7	650	10	8	0		Overcast. Nil odour.
	28/04/2018 8:00 am	within 24 hours	light	low flow	14.5		0.04	9.5	7.5	630	10	2	0		Fine, cloudy. Very clear water.
	21/02/2018 8:30 am	7-7 days	light	medium flow	18		0	8.9	7	620	10	2	0		Overcast. Medium flow
	21/12/2017 7:00 pm	1-3 days	light	low flow	19		0	8.6	7	650	10	2	0		Sunny. This is the first medium rain for 7 months.
	27/12/2017 1:00 pm	within 24 hours	light	low flow	23		0.01	8.5	7	700	10	2	0		Overcast.
	28/11/2017 3:00 pm	7-7 days	light	low flow	22		0.01	8.7	7	710	10	2	0		Sunny. Very clear water.
	26/10/2017 7:45 pm	within 24 hours	medium	medium flow	19		0	8.2	7	620	10	2	0		Sunny.
	27/09/2017 7:45 am	7-7 days	light	low flow	13		0.06	9.6	7	710	10	2	0		Fine, overcast, very low flow.
	26/08/2017 2:00 pm	within 24 hours	light	low flow	9		0.02	11.7	7	820	10	1	0		Sunny, very clear water
	26/07/2017 2:15 pm	7-7 days	light	low flow	9.5		0	11.4	7.5	820	10	2	0		Fine, sunny
	27/06/2017 8:00 am	1-3 days	light	medium flow	11.5		0	9.8	7	630	10	2	0		Fine, sunny
	28/05/2017 8:00 am	6-7 days	light	medium flow	11		0	9.5	7	630	10	8	0		Fine, sunny
	27/04/2017 9:00 am	1-3 days	light	medium flow	14.5		0	8.9	7	660	10	8	0		Fine, cloudy
	28/03/2017 8:00 am	1-3 days	light	high flow	20		0.02	7.6	7	620	10	8	0		Overcast. High flow after 3 weeks of rain.
	26/01/2017 8:15 am	1-3 days	light	low flow	21		0	7.4	7	620	10	8	0		Overcast. fine, very low flow
	27/11/2016 9:00 am	6-7 days	heavy	low flow	19.5		0	7.8	7	620	10	8	0		Cloudy. clear water
	23/10/2016 1:15 pm	1-3 days	light	low flow	17		0	12.4	7	670	10	8	0		Fine, sunny. clear water
	27/09/2016 9:00 am	1-3 days	medium	medium flow	13.5		0.06	9.4	7.5	670	10	8	0		Sunny.
	25/08/2016 2:00 pm	1-3 days	heavy	high flow	11.5		0.06	10.4	7	670	20	8	0		Fine, cloudy
	28/07/2016 10:15 pm	6-7 days	medium	medium flow	10		0.04	10.5	7	570	10	8	0		Sunny day
	16/06/2016 7:00 pm	7-7 days	heavy	over bank flo	11		0	11.2	7	620	10	8	0		Fine, medium flow
	26/05/2016 10:30 AM	within 24 hours	light	low flow	11		0	11	7	780	10	1	0		Overcast low flow very clear water.
	27/04/2016 2:00 PM	7-7 days	**********	low flow	17.5		0.04	10.8	7	750	10	2	0		Sunny very low flow.
	22/03/2016 9:25 AM	within 24 hours	light	low flow	17		0.04	8.4	7	620	10	8	0		Sunny low flow.
	26/01/2016 8:00 AM	unknown	not recorded	medium flow	0.5		0.07	9.6	7.5	600	10	8	0		Cloudy. Medium flow.
	26/12/2015	within 24 hours	medium	medium flow	20		0.06	9	7	600	10	2	0		Cloudy. Medium flow.
	27/11/2015	within 24 hours	light	medium flow	20		0.07	11.9	8	630	10	1	0		Overcast. Low flow.
	27/10/2015	within 24 hours	light	medium flow	16.5		0.02	9.9	7.5	630	10	1	0		Clear water. medium flow. overcast
	27/09/2015	within 24 hours	light	medium flow	13		0.02	12.2	7	630	10	8	0		Sunny. Medium flow
	15/08/2015	1 - 7 days		medium flow	7.5		0	11.4	7.5	630	10	8	0		medium flow. Clear. Sunny.
	18/07/2015	1 - 3 days	medium	high flow	8		0	13	7	630	20	8	0		High flow rate. Fine, sunny.
	26/06/2015	4 - 7 days		medium flow	11		0	10.8	7	630	10	8	0		Cloudy. Medium flow.
	27/05/2015	4 - 7 days		medium flow	11		0.12	10.8	7	650	10	8	0		Sunny. Medium flow
	27/04/2015	within 24 hours	light	low flow	17		0.04	9.1	7	650	10	8	0		Sunny. Low flow. heavy rain 7 days ago
	27/03/2015	1 - 3 days	heavy	low flow	17		0.06	8.1	7.5	650	10	8	0		Low flow. Sunny.
	26/02/2015	within 24 hours	light	medium flow	19		0.06	7.1	7.5	630	10	8	0		Medium flow. Overcast.
	28/01/2015	within 24 hours	heavy	high flow	18.5		0.1	9.4	7.5	650	10	8	0		High flow rate for several days. Sunny.
	27/12/2014	1 - 3 days	heavy	high flow	20		0	8.2	7	620	10	8	0		High flow rate. Overcast.
	26/11/2014	1 - 3 days	light	low flow	20		0.04	8.7	7.5	620	10	8	0		Low flow. sky overcast.
	28/10/2014	1 - 3 days	light	medium flow	16		0	7.7	7	610	10	8	0		Medium flow. Sunny. Hot.
	26/09/2014	1 - 3 days	light	medium flow	14		0.08	8.7	7.5	610	10	8	0		Medium flow. Sunny.
	25/08/2014	1 - 3 days	medium	high flow	10		0.08	9.8	7	600	10	8	0		Sunny. High flow rate.
	28/07/2014	1-2 days		low flow	8		0	11.2	7	590	10	8	0		Low flow. High cloud. Overcast.
	30/06/2014	within 24 hours	light	low flow	13		0	9.7	7	600	10	8	0		Low flow. Overcast.
	19/05/2014	1-7 days			15		0	7.8	7	630	10	8	0		
	28/04/2014	within 24 hours	light	medium flow	16		0	8.5	7.5	600	10	8	0		Medium flow
	11/03/2014	1-7 days		low flow	23.5		0	7.8	7.5	650	10	8	0		Low flow. Sunny.
	26/02/2014	4 - 7 days		low flow	20.5		0.01	8.2	7	650	10	8	0		Sunny. Low flow.
	30/01/2014	4 - 7 days		low flow	20.5		0.01	7.2	7.5	650	10	8	0		Low little flow. Sunny and hot.
	26/12/2013	4 - 7 days		low flow	19.5		0.01	7.2	7.5	670	10	8	0		Low flow. Sunny.
	26/11/2013	4 - 7 days		medium flow	18		0	6.5	6.5	680	10	8	0		Overcast. light rain. medium flow.
	25/10/2013	1 - 3 days	light	low flow	19.5		0	7.4	7	670	10	8	0		Very little flow. No good rain for 6 months.
	26/09/2013	1-7 days		low flow	16.5		0	8.2	8	650	10	8	0		Very low flow.
	27/08/2013	1-7 days			15		0.01	8.4	7	630	10	8	0		
	30/07/2013	1-7 days			8		0.01	8.6	7	680	20	8	0		
	25/06/2013	within 24 hours	light	high flow	11		0.08	9	8	630	10	8	0		High flow rate in creek
	28/05/2013	1-7 days	heavy	high flow	11.5		0.08	9.2	7	630	10	8	20		High flow rate
	28/04/2013	1-7 days			14.5		0.01	7.8	7.5	670	10	8	0		
	25/03/2013	1-7 days		medium flow	20		0.03	8	7	630	10	8	0		Medium flow
	26/02/2013	1 - 3 days	heavy	high flow	22		0.1	8.1	7	620	10	8	0		High flow rate. Overcast.
	17/01/2013	4 - 7 days		low flow	26		0.01	8.8	7	670	10	8	0		Almost no Scaro creek
	20/12/2012	7 - 7 days		low flow	23		0.03	9	7	680	10	8	0		Very low flow.
	28/11/2012	within 24 hours	light		18.5		0.06	8.4	7	650	10	8	0		
	26/10/2012	1 - 7 days			16.5		0.01	8.6	7	650	10	8	0		
	28/09/2012	1 - 7 days			16		0.01	8.8	7	680	10	8	0		
	22/07/2012	4 - 7 days			8.5		0.06	10.4	7	650	10	8	0		
	19/06/2012	1 - 3 days	light	high flow	9.5		0.08	9.2	7	650	10	8	0		High flow after previous heavy rain
	15/05/2012	4 - 7 days	light		12.5		0.04	7.9	7	660	10	8	0		
	22/04/2012	1 - 3 days	heavy		18		0.15	7	7.5	650	10	8	0		High flow rate
	18/02/2012	within 24 hours	light	high flow	19		0.13	8.2	7	670	10	8	0		High flow rate
	16/02/2012	1 - 3 days	heavy		20		0.12	8.2	7	670	10	8	0		Hot
	20/01/2012	within 24 hours	heavy	medium flow	20		0.1	7.8	7	660	10	8	0		Medium flow
	16/12/2011	within 24 hours	heavy		19		0.03	7.4	7	670	10	8	0		
	28/11/2011	1 - 3 days	light	high flow	18		0.1	8.5	8	680	10	8	0		High flow after 3 days rain
	26/10/2011	1 - 7 days	light		18.5		0.06	7.2	7.5	680	10	8	0		
	28/09/2011	1 - 7 days			13.5		0.04	9	8	680	10	8	0		
	26/08/2011	4 - 7 days		high flow	11		0.06	8.7	7.5	670	10	8	0		High flow in Creek
	26/07/2011	4 - 7 days		medium flow	12		0	9.4	7.5	670	10	8	0		Medium flow
	26/06/2011	4 - 7 days		medium flow	10		0.06	9.7	7.5	670	10	8	0		Medium flow
	27/05/2011	1 - 7 days	light		16		0.08	8.2	7	680	10	8	0		
	21/03/2011	within 24 hours	light		21		0.02	8.8	7	660	10	8	0		
	28/01/2011	4 - 7 days	light		22		0.01	7.1	7	730	10	8	0		
	28/12/2010	4 - 7 days		medium flow	22.5		0.08	9	8	670	10	8	0		Medium flow
	17/11/2010	4 - 7 days	heavy	high flow	19		0.08	8.9	7	610	10	8	0		Above average flow. cloudy. hot
	12/10/2010	within 24 hours	medium	medium flow	16		0.01	8.3	7	620	10	8	0		Medium run over. last fortnight.
	17/09/2010	4 - 7 days	light	medium flow	12		0.08	9.1	7	610	10	8	0		Medium flow
	26/08/2010	4 - 7 days	light	medium flow	10		0.06	9.4	7.5	610	10	8	0		Medium flow
	22/06/2010	1 - 7 days	light		10.5		0.06	8.8	7	680	10	8	0		
	28/05/2010	4 - 7 days	light		11.5		0.02	8.8	7	680	10	8	0		
	26/04/2010	within 24 hours	light		15		0.03	9	7	680	10	8	0		Small fish upstream of the test point
	28/03/2010	1-7 days	light		20.5		0.02	8.7	8	640	10	8	0		
	28/02/2010	1-7 days	heavy		20.5		0.04	7.2	7.5	630	10	8	0		Green algae with bubbles on surface. Medium flow.
	18/01/2010	1-7 days	light	low flow	21.5		0.01	8.5	8	680	10	8	0		Low flow in the creek.
	27/12/2009	within 24 hours	light		18		0.08	8.8	7	630	10	8	0		
	26/11/2009	1-7 days	light		16		0.06	9.1	7	630	10	8	0		Green filmous growth in the water
	28/10/2009	1-7 days		low flow	16.5		0.04	9.1	7	680	10	8	0		Very low flow due to lack of rain
	16/09/2009	1-7 days	light		10.5		0.02	9.3	7	670	10	8	0		
	18/07/2009	1-7 days	light		9		0.01	7.7	7	670	10	8	0		
	26/06/2009	1-7 days	medium		11		0.06	9.5	8	680	10	8	0		
	18/05/2009	1-7 days	light		11.5		0.02	8.7	7	680	10	8	0		
	28/04/2009	1-7 days	light	medium flow	16.5		0.1	7.8	7	680	10	8	0		Good water flow due to earlier rain
Summary for Still Ck at Mansfield Rd	NO. of tests (with flow				199	9	199	199	199	199	79	194	1		
	Mean				15.8	18.0	0.06	8.8	7.1	600	11	6	27	900.0	
	Median				16.0	18.5	0.02	8.9	7.0	580	10	3	0	900.0	
	Maximum				23.0	24.0	0.27	12.8	8.0	870	40	37	1600	900.0	
	Standard deviation				4.7	3.8	0.06	1.8	0.6	108	8	8	176		
	ANZECC	Min						6.0	6.5						
	ANZECC	Max			34		0.02(1)		8.5	1500	100	100	1100		
	ANZECC	% compliant					14%		72%	100%	100%	100%	100%	1	
	ANZECC	% within guidelines					79%	89%	98%	0%	87%	87%	87%	100%	
Note	E.coli primary contact ANZECC max is <1140 and secondary contact max is <3500														