

STILL CREEK CATCHMENT LANDCARE WATER TEST RESULTS 2009/2021 AT CATCHMENT EXIT												
Sample Site	Date Sampled	Rain Time	Rain Volume	Flow	Temp. (C)	Phos (mg/L (PO4))	Dissolved Oxygen (mg/L)	pH (pH units)	Electrical Conductivity (µS/cm)	chl (FTU)	chl (cfu/100 mL)	Site Visit Comment
Crosslands	30/11/2021 11:15AM	within 24 hours	light	edum flow	16.5	0.04	8.4	6.5	290	10	3	0 days. Trilled new kit. No scum, algae.
	10/11/2021 9:10AM	within 24 hours	medium	edum flow	16	0.01	10.7	7	370	10	2	400. Rain 32mm last week. cloudy with light rain, no odour, scum, algae, colour, rubbish nor weeds. Did waterbugs, RARC and trilled new Splashback kit with Nck.
Stiik Ck at	12/10/2021 10:41AM	within 24 hours	medium	edum flow	12.5	0	9.2	6	360	10	0	700 for previous 10 days.
Catchment exit to	08/06/2021 11:05AM	4-7 days	light	low flow	9	0	11.7	6.5	310	10	1	0 Rain: 5mm 5 days ago, otherwise nil for over a week. No scum, algae, rubbish, weeds, odour. Cloudy.
Berowra Ck	18/05/2021 8:45AM	>7 days	light	edum flow	10.5	0.05	11.7	6.5	280	10	1	0 Nil rain for 1 week. Nil odour, scum, weeds, algae, colour, rubbish. 1 nursery pot from upstream. Waterbugs surveyed.
above high tide	01/05/2021 9:50AM	>7 days	light	low flow	14	0.05	9.8	6.5	300	10	0	0 Nil scum, odour, algae, weeds, rubbish. Last rain 10 days ago.
	08/03/2021 12:35PM	>7 days	light	low flow	17.5	0.01	8.8	7	350	10	2	0 Nil rain for last week. No odour, scum, algae, weeds. Sunny but shaded.
	17/02/2021 11:45AM	within 24 hours	light	edum flow	18	0	6.5	7	340	10	0	100 cloudy, no weeds, algae.
	07/01/2021 8:40AM	1-3 days	medium	high flow	18.5	0.02	9.8	7	270	10	3	0 Cloudy. No scum, algae, weeds. Water was black, also reported by Crosslands mgr and Ana Rubio unexplained for last 2 weeks. Rain 20mm 3 days ago, 24mm in last week.
	04/12/2020 9:30AM	within 24 hours	light	low flow	18	0	8.8	6.5	370	10	2	0 No odour, algae or weeds. Dappled sun. Did waterbugs and riparian assessment. Large 20cm orange yabbie, 9mm rain 3 days ago.
	09/11/2020 9:15AM	within 24 hours	light	edum flow	14	0	8.5	7	270	10	1	0 Cloudy, rain 19mm 4 days ago, no scum, odour nor weeds.
	26/10/2020 8:45AM	within 24 hours	high	high flow	14.5	0	12.9	7	330	30	9	0 Raining 56mm last 2 days, 75mm last week. No odour, algae or weeds. Turbid.
	22/09/2020 9:30AM	1-3 days	light	edum flow	13	0	10.7	7	380	10	0	0 Rain: 7mm last 2 days, 10mm last week. Nil odour, algae or weeds. Dappled sun.
	24/08/2020 9:55AM	>7 days	light	edum flow	9	0	11	7	280	10	2	0 Dappled sunlight. Cloudy colour, no scum, no rubbish, no weeds.
	13/07/2020 9:35AM	within 24 hours	medium	edum flow	10	0.13	14.2	7	390	10	1	0 Sunny, mostly shaded. Rain 5mm last day, 13mm last week. Clear, no odour, no algae.
	16/06/2020 9:28AM	1-3 days	medium	edum flow	10	0	8.7	7	350	10	3	0 Clear, no scum, no rubbish, sunny mainly shaded, 7mm rain last 3 days.
	13/05/2020 10:15AM	>7 days	light	low flow	10	0	11.9	7	350	10	0	0 Clear, no odour, no scum, no algae. light cloud sunny but shaded, no recent rain.
	18/03/2020 9:35AM	within 24 hours	light	high flow	16	0.09	7.9	7	250	10	4	100 Rain 13mm 2 days ago, sunny, nil odour.
	19/02/2020 9:40AM	1-3 days	medium	high flow	20	0	11.2	7	220	10	7	200 Rain 7mm last 24 hrs, 250mm 9 days ago flooded.
	30/01/2020 9:32AM	4-7 days	light	edum flow	20.5	0.01	11.5	7	360	10	1	0 Overcast 10mm rain last 7 days.
	20/12/2019 9:35AM	>7 days	light	low flow	17.5	0.05	9.3	7	390	10	1	0 Sunny but partial shade. Lowest flow ever seen, difficult to get turbidity etc samples without disturbance.
	14/11/2019 1:58PM	>7 days	light	low flow	15	0.06	7	7	280	10	4	0 Sunny but shaded. Joint testing with HSC.
	01/11/2019 11:45AM	>7 days	light	low flow	15	0.01	10.9	7	280	10	0	0 Partial sun, done with HSC testing and UNE riparian and macroinvertebrates. Flow was too low and there were no pools of sufficient depth to get a reliable sample for E.coli testing following the standard procedure.
	06/10/2019 11:58AM	within 24 hours	medium	observed	13.5	0.07	9.3	7	250	20	2	0 Sunny but shaded.
	03/10/2019 10:26AM	4-7 days	light	edum flow	12.5	0.07	10.5	7	240	10	2	1600 Sunny mainly shaded.
	01/09/2019 8:40AM	within 24 hours	heavy	high flow	10.5	0.08	8.6	7	220	15	12	100 Sunny but shaded, light rain last 24 hours, heavy on dry riparian.
	29/07/2019 8:30AM	>7 days	light	low flow	8	0.01	13.5	7	340	10	1	0 Sunny but shaded.
	02/07/2019 8:40AM	4-7 days	light	low flow	9	0.03	11.1	7	330	10	0	0 Sunny but shaded.
	20/06/2019 8:30AM	1-3 days	light	low flow	9.5	0.06	14.7	7	310	10	1	0 Sunny but shaded. Joint testing with HSC.
	02/05/2019 8:50AM	>7 days	light	low flow	15	0.01	12.5	7	300	10	0	0 Cloudy.
	16/04/2019 8:50AM	>7 days	medium	edum flow	15	0.05	8.6	7	270	10	1	0 Dappled sunlight.
	13/03/2019 8:40AM	within 24 hours	light	low flow	19.5	0.05	8	7	330	10	3	0 Cloudy.
	08/02/2019 8:40AM	4-7 days	light	low flow	21	0.07	9.5	7	410	10	1	0 Cloudy.
	13/01/2019 9:28AM	1-3 days	light	low flow	20.5	0.07	6.1	7	350	10	1	0 Cloudy.
	06/12/2018 11:5PM	within 24 hours	light	low flow	17	0.03	9.3	7	390	10	1	0 Mainly shade, partial cloud.
	13/11/2018 8:38 am	>7 days	medium	edum flow	15.5	0.02	10.6	7	410	10	1	0 Sunny but shaded.
	18/10/2018 8:50 am	within 24 hours	medium	high flow	15.5	0.01	12	7	310	15	12	0 Cloudy, light rain.
	10/09/2018 8:35 am	1-3 days	light	low flow	10	0	15	7	450	10	0	0 Sunny but shaded low flow.
	31/07/2018 8:35 am	1-3 days	light	low flow	7	0.02	12.1	7	450	10	0	0 Sunny but shaded.
	09/07/2018 8:35 am	4-7 days	light	low flow	13	0.02	15.8	7	420	10	0	0 Sunny but shaded.
	11/06/2018 8:45 am	within 24 hours	medium	edum flow	12	0.12	11.9	7	400	10	1	0 Sunny, mainly shaded.
	17/05/2018 10:45 am	>7 days	light	low flow	11.5	0	10.2	7	440	10	2	0 Partial sun.
	22/04/2018 8:50 am	>7 days	light	low flow	15.5	0	8	7	480	10	0	0 Sunny but shaded.
	22/03/2018 8:50 am	within 24 hours	medium	edum flow	17.5	0	8.5	7	390	10	1	0 Cloudy, lightly raining, leeches are back.
	22/02/2018 12:40 pm	4-7 days	light	low flow	19	0	7.7	7	390	10	2	0 Cloudy.
	12/01/2018 8:25 am	4-7 days	medium	low flow	20	0.01	12.8	7	370	10	0	0 cloudy, one turtle present.
	09/12/2017 8:20 am	4-7 days	light	low flow	17	0.02	9.3	7	420	10	1	0 Cloudy, very low flow.
	23/11/2017 8:45 am	1-3 days	light	low flow	16	0	9.4	7	430	10	1	0 Sunny, mainly shaded.
	16/10/2017 9:20 am	1-3 days	light	low flow	15	0	10.8	6.5	410	10	0	0 Partial shade, almost nil rain here in last 3 months.
	04/09/2017 8:50 am	>7 days	light	low flow	8.5	0.01	9.3	7	370	10	1	0 Sunny with partial shade.
	04/08/2017 8:45 am	within 24 hours	medium	edum flow	8	0	11	7	318	10	0	0 Sunny but shaded, lots of wallabies.
	06/07/2017 8:35 am	4-7 days	light	edum flow	9	0.02	11	7	210	10	3	0 Sunny but shaded.
	04/06/2017 9:02 am	within 24 hours	light	edum flow	10	0	12	7	350	10	1	0 Light cloud.
	18/05/2017 8:40 am	1-3 days	light	edum flow	11.5	0.04	13.6	7	320	10	3	0 Sunny but mainly shaded.
	09/04/2017 10:49 am	4-7 days	medium	edum flow	15.5	0	9.8	7	230	10	0	0 Sunny but shaded. Very heavy rain one week ago.
	07/03/2017 10:50 am	within 24 hours	medium	edum flow	19	0.05	8.5	7	230	10	2	0 Medium flow, cloudy, raining.
	06/02/2017 8:25 am	within 24 hours	medium	low flow	21.5	0	11.1	7	410	10	3	0 Sunny but shaded.
	10/01/2017 8:25 am	within 24 hours	light	low flow	20	0.01	8.8	7	380	10	3	0 Overcast.
	06/12/2016 8:30 am	within 24 hours	light	low flow	19	0	7.8	6.5	380	10	1	0 Some cloud.
	09/11/2016 8:50 am	within 24 hours	light	low flow	15	0	13.8	7	370	10	1	0 Overcast sky.
	10/10/2016 11:05 AM	>7 days	medium	low flow	13	0.02	10	7	330	10	2	0 Some cloud, shaded.
	25/09/2016 8:25 am	within 24 hours	medium	edum flow	12	0	7.8	7	290	10	1	0 Cloudy.
	25/08/2016 2:30 pm	within 24 hours	heavy	high flow	10.5	0.03	10.6	7	220	20	22	0 Fine, sunny.
	26/07/2016 10:00 am	4-7 days	medium	edum flow	9.5	0	11.4	7	240	10	2	0 Sunny day.
	23/06/2016 8:25 am	4-7 days	heavy	edum flow	15	0	10.7	7	210	10	0	0 Sunny but shaded.
	07/06/2016 10:05 am	1-3 days	heavy	high flow	12.5	0.06	11.3	7	140	15	7	0 Cloudy, 2/3 m flood 2/3 days prior.
	09/05/2016 12:50 pm	within 24 hours	light	low flow	14.5	0	10.9	7.5	360	10	2	0 Cloudy low flow.
	13/04/2016 8:50 AM	1-3 days	light	low flow	16	0.02	9.4	7	370	10	1	0 Sunny but shaded low flow.
	10/03/2016 7:50 AM	>7 days	not record	low flow	20	0.04	9.3	7	340	10	2	0 Low flow sunny shaded no leeches.
	04/02/2016 7:55 AM	within 24 hours	medium	edum flow	19	0.11	10	7	200	15	3	0 Cloudy raining medium flow many leeches.
	05/01/2016 8:45 AM	within 24 hours	heavy	high flow	17.5	0	7.4	7	180	80	31	0 Very high flow cloudy heavy rain leeches.
	06/12/2015	> 7 days	medium	low flow	17	0	7.3	7	350	10	3	0 Sunny but fully shaded, low flow.
	25/11/2015	4 - 7 days	medium	low flow	17	0	10.8	7	310	10	2	0 Medium flow, sunny but shaded.
	14/10/2015	within 24 hours	light	edum flow	14.5	0	12.8	7	330	10	1	0 Partial cloud, medium flow.
	18/08/2015	> 7 days	medium	low flow	7.5	0	10.3	7	340	10	1	0 Sunny but shaded, medium flow.
	02/08/2015	> 7 days	medium	low flow	8	0.02	9.8	7	320	10	3	0 Medium flow, sunny but shaded.
	03/07/2015	1 - 3 days	light	edum flow	8.5	0	11.3	7	280	10	4	0 Medium flow, sunny but mainly shaded.
	09/06/2015	1 - 3 days	light	edum flow	10	0.02	10	7	270	10	3	0 Medium flow, shaded, some sun mainly cloudy.
	18/05/2015	within 24 hours	light	edum flow	12.5	0.04	10.3	7	270	10	1	0 Cloudy, medium flow, water was up about 2m in rain 3 weeks ago.
	15/04/2015	4 - 7 days	medium	edum flow	15	0.01	11.2	7	310	10	2	0 Medium flow, sunny but shaded.
	03/03/2015	1 - 3 days	light	low flow	17	0.03	9.1	7	340	10	1	0 Low flow, sunny but shaded.
	18/02/2015	1 - 3 days	light	edum flow	19	0.05	8.1	7	310	10	3	0 Medium flow, sunny but shaded.
	05/01/2015	within 24 hours	light	low flow	20	0	8.7	7	320	10	4	0 Low flow, cloudy.
	21/12/2014	within 24 hours	medium	edum flow	18.5	0	7.2	7	350	10	3	0 Medium flow, cloudy.
	6/11/2014	within 24 hours	heavy	edum flow	15	0.02	7.5	7	330	10	2	0 Cloudy, medium flow.
	8/10/2014	within 24 hours	light	low flow	14.5	0	9.7	7	350	10	3	0 Low flow, cloudy.
	25/09/2014	within 24 hours	light	edum flow	12	0	9.3	7	340	10	2	0 Medium flow, Cloudy.
	25/08/2014	1 - 3 days	medium	edum flow	11	0.03	9.8	7	280	10	1	0 Sunny, High flow rate.
	2/07/2014	> 7 days	medium	low flow	7	0	9.9	7	350	10	3	0 Low flow, sunny but shaded.
	5/06/2014	within 24 hours	light	low flow	12	0	11.6	7	330	10	6	0 Cloudy, low flow.
	28/05/2014	> 7 days	light	low flow	12.5	0	9.7	7	340</			

9/01/2014	1 - 3 days	light	low flow	17.5	0.01	8.5	7	270	10	0	Low flow cloudy
16/12/2013	> 7 days		medium flow	17	0	5.4	6.5	340	10	0	Sun rising 6.0am, medium flow
04/11/2013	> 7 days		low flow	15	0	7.3	7	310	10	0	Sunny, very low flow, low tide
05/10/2013	1 - 3 days	light	medium flow	11	0.02	10.9	7	410	10	0	Very low flow, sunny. Sample taken upstream due to unusually high tide.
15/09/2013	1 - 3 days	light	low flow	12	0	9.4	7	400	10	0	Cloudy, low flow
12/08/2013	4 - 7 days		medium flow	8.5	0.01	8.7	7	330	10	0	Medium flow, foggy
02/07/2013	1 - 3 days	heavy	high flow	10.5	0.06	9.7	7	200	10	100	Heavy flow, shaded
03/06/2013	within 24 hours	medium	high flow	13	0.09	8.4	7	210	15	0	Heavy flow, sunny
03/05/2013	> 7 days		medium flow	13	0.02	8.6	7	330	10	0	Medium flow, light cloud
05/04/2013	within 24 hours	medium	medium flow	17	0	8.8	6.5	390	10	0	Medium flow, light clouds
05/03/2013	1 - 3 days	heavy	high flow	17.5	0.06	8.6	7	220	10	0	Heavy flow, sunny
07/02/2013	4 - 7 days		medium flow	17.5	0	8.2	7	400	10	0	Sunny, medium flow, rain medium
06/01/2013	> 7 days		low flow	18	0	8.7	7	na	10	0	Sunny, very low flow, EC 1070 very high tide and lower test point/result ignored
20/12/2012	> 7 days		low flow	19	0.04	5.9	7	380	10	0	Very low flow
30/10/2012	> 7 days		low flow	13	0.01	7.8	7	380	10	0	Low flow, sunny
01/10/2012	1 - 3 days	medium	medium flow	11.5	0.03	8.1	7	370	10	0	Sunny, medium flow
02/09/2012	4 - 7 days	light	medium flow	8	0	9.8	7	390	10	0	Medium flow, sunny
07/08/2012	> 7 days		medium flow	7	0.02	9.2	7	320	10	0	Medium flow, sunny
04/07/2012	> 7 days		medium flow	7.5	0.06	8.7	7.5	290	10	0	Cloudy, medium flow
02/06/2012	within 24 hours	light	medium flow	12	0.02	10.1	7	300	10	0	Medium flow, cloudy, some leeches
12/05/2012	> 7 days		medium flow	12	0.05	9.1	7.5	260	10	0	Medium flow, cloudy, low tide, red algae at some edges of creek
04/04/2012	1 - 3 days	light	medium flow	16.5	0.04	7.3	7	260	10	0	sunny, medium flow
02/03/2012	within 24 hours	heavy	high flow	20	0.09	9.7	7.5	190	30	0	Cloudy, rain, high flow, many leeches
02/02/2012	within 24 hours	medium	high flow	19	0.07	9	7.5	220	15	0	Heavy flow, cloudy with light rain, small leeches present
04/01/2012	4 - 7 days	light	medium flow	18	0.1	9.5	7	300	10	0	Medium flow, sunny, last rain was light
11/12/2011	3 - 7 days	medium	medium flow	17.5	0.02	8.5	7.5	240	10	0	Medium flow, cloudy
06/11/2011	4 - 7 days		medium flow	17.5	0.02	8.6	7	360	10	0	Sunny, medium flow
24/10/2011	> 7 days	light		15	0.05	6.7	7	310	10	0	
06/09/2011	> 7 days			12	0.03	7.8	8	310	10	0	
24/08/2011	4 - 7 days		high flow	10.5	0.04	10.4	7.5	250	10	0	High flow in creek
05/07/2011	4 - 7 days		medium flow	9.5	0	8.8	7	320	10	0	Medium flow
02/06/2011	within 24 hours	medium	high flow	13	0.04	8.6	7.5	230	10	0	Strong flow, sunny above the fog
03/05/2011	1 - 3 days	medium	medium flow	14.5	0.01	7.6	7.5	320	10	0	Medium flow, cloudy
01/04/2011	1 - 3 days	light	low flow	17	0	8.9	7	350	10	0	Low flow, cloudy
11/03/2011	> 7 days		low flow	19	0.01	5.3	7.5	450	10	0	Very low flow. All plants drought stressed.
18/02/2011	within 24 hours	light	low flow	21	0.06	3.6	7.5	320	10	0	Low flow, cloudy
12/01/2011	within 24 hours	light	medium flow	20	0	8.3	7	360	10	0	Low flow, cloudy
02/12/2010	within 24 hours	medium	medium flow	19.5	0.01	7.4	7	290	15	0	Medium flow, cloudy
11/11/2010	4 - 7 days	heavy	high flow	16.5	0.03	7.2	7	300	10	0	Above average flow, cloudy
12/10/2010	within 24 hours	light	medium flow	14	0	8.1	7	390	10	0	Medium rain in last fortnight
17/09/2010	4 - 7 days	light	medium flow	9	0.02	9.9	7	370	10	0	Medium flow
15/07/2010	1 - 3 days	light	medium flow	10	0.04	8.8	7	360	10	0	Medium flow
02/06/2010	1 - 3 days	medium	medium flow	12	0.03	11	7.5	330	10	0	Medium flow Cloudy
24/05/2010	4 - 7 days	light		11	0	8.8	7	390	10	0	
26/04/2010	within 24 hours	light		15	0.02	7.6	7	350	10	0	
29/03/2010	> 7 days	light		19	0.03	8.2	7	370	10	0	
24/02/2010	> 7 days	heavy	medium flow	19.5	0.04	6.1	7	280	10	0	Tannin stain in water following very heavy rain
18/01/2010	> 7 days	light	low flow	19	0	5.8	7.5	490	10	0	Low flow in the creek
27/12/2009	within 24 hours	light		19	0	6.2	7	420	10	0	
16/11/2009	1 - 7 days	light		17.5	0.01	6.7	7	400	10	0	
21/09/2009	> 7 days	medium	medium flow	12.5	0.02	8.2	7	410	10	0	Major hazard reduction burn in the area the previous day. Ash may affect results.
12/08/2009	within 24 hours	light		8.5	0.05	9.3	7	330	10	0	
24/06/2009	1 - 7 days	medium		11	0.04	10.1	8	250	10	0	
14/05/2009	> 7 days	light		10.5	0.02	8.8	8	350	10	0	
08/04/2009	1 - 7 days	light	medium flow	16.5	0.06	7.3	7	240	10	0	Good flow of water due to earlier rain
05/02/2009	> 7 days	light		25	0.05	6.8	7	460	10	0	
<b>Catchment exit summary</b>	<b>ND of tests (with flow)</b>			150	150	150	150	149	150	89	149
	<b>Mean</b>			14.5	0.02	9.3	7.0	328	11	3	22
	<b>Median</b>			15.0	0.02	9.3	7.0	330	10	2	0
	<b>Maximum</b>			25.0	0.13	15.8	8.0	490	60	31	1600
	<b>Standard deviation</b>			4.0	0.03	2.1	0.3	66	5	4	147
	<b>ANZECC</b>					6.0	6.5				
	<b>ANZECC Max</b>			NA	0.0612	8.5	<300	<50	<50	<150	
	<b>ANZECC No. compliant</b>			137		144	150	44	150	89	145
	<b>ANZECC % within guidelines</b>			91%		96%	100%	30%	##	##	97%
<b>Note</b>	E coli primary contact ANZECC max is <150 and secondary contact max is <1000										