

STILL CREEK CATCHMENT LANDCARE WATER TEST RESULTS 2009/2018 AT CATCHMENT EXIT													
Sample Site	Date Sampled	Rain Time	Rain Volume	Flow	Temp. (C)	Phos (mg/L (PO4))	Disolved Oxygen (mg/L)	pH (pH units)	Electical Conductivity (C)	dity (NTU)	Turbi dity (FTU)	E.coli (cfu/100 mL)	Site Visit Comment
Crosslands	06/12/2018 1:15PM	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	medium flow	15.5	0.02	10.6	7	410	10	1	0	Sunny but shaded
Still Ck at	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
Catchment	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
exit to	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
Berowra Ck	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
above high tide	11/06/2018 8:45 am	within 24 hours	medium	medium 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	medium flow	17.5	0	8.5	7	390	10	0	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
	08/12/2017 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	2	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	medium flow	8	0	11	7	310	10	0	0	Sunny but shaded, lots of wallabies
	06/07/2017 8:35 am	4-7 days	light	medium flow	8	0.02	11	7	270	10	2	0	Sunny but shaded
	04/06/2017 9:02 am	within 24 hours	light	medium flow	10	0	12	7	350	10	1	0	Light cloud
	18/05/2017 8:40 am	1-3 days	light	medium flow	11.5	0.04	13.6	7	320	10	3	0	Sunny but mainly shaded
	08/04/2017 10:49 am	4-7 days	medium	medium 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	medium 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	medium 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	medium flow	9.5	0	11.4	7	240	10	2	0	Sunny day.
	23/06/2016 8:25 am	4-7 days	heavy	medium 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 recorded	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	medium 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	60	31	0	Very high flow cloudy heavy rain leeches
	06/12/2015	> 7 days			17	0	7.3	7	350	10	5	0	Sunny but fully shaded, low flow
	25/11/2015	4 - 7 days			17	0	10.8	7	310	10	2	0	Medium flow, sunny but shaded
	14/10/2015	within 24 hours	light		14.5	0	12.8	7	330	10	1	0	Partial cloud, medium flow
	18/08/2015	> 7 days			7.5	0	10.3	7	340	10	1	0	Sunny but shaded, medium flow
	02/08/2015	> 7 days			8	0.02	9.6	7	320	10	2	0	Medium flow, sunny but shaded
	03/07/2015	1 - 3 days	light		8.5	0	11.3	7	280	10	4	0	Medium flow, sunny but mainly shaded
	09/06/2015	1 - 3 days	light		10	0.02	10	7	270	10	3	0	Medium flow, shaded, some sun mainly cloudy
	18/05/2015	within 24 hours	light		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			15	0.01	11.2	7	310	10	2	0	Medium flow in shade sunny day
	03/03/2015	1 - 3 days	light		17	0.03	9.1	7	340	10	1	0	Low flow, sunny but shaded

18/02/2015	1 - 3 days	light		19	0.05	8.1	7	310	10	3	0	Medium flow, sunny but shaded
05/01/2015	within 24 hours	light		20	0	6.7	7	320	10	4	0	Low flow, cloudy
2/12/2014	within 24 hours	medium		18.5	0	7.2	7	350	10	3	0	Medium flow, cloudy
6/11/2014	within 24 hours	heavy		15	0.02	7.5	7	330	10	2	0	Cloudy, medium flow
8/10/2014	within 24 hours	light		14.5	0	9.7	7	350	10	3	0	Low flow, cloudy
25/09/2014	within 24 hours	light		12	0	9.3	7	340	10	2	0	Medium flow. Cloudy.
25/08/2014	1 - 3 days	medium		11	0.03	9.8	7	280	10		0	Sunny. High flow rate.
2/07/2014	> 7 days			7	0	9.9	7	350	10	3	0	Low flow, sunny but shaded
5/06/2014	within 24 hours	light		12	0	11.6	7	330	10	6	0	Cloudy, low flow
28/05/2014	> 7 days			12.5	0	9.7	7	340	10		0	Sunny, low flow
19/03/2014	4 - 7 days			16.5	0	7.3	7	330	10		0	Medium flow, sunny but creek in shade
2/03/2014	1 - 3 days	medium		18	0.05	7.5	7	420	10		0	Cloudy, medium flow, many small leeches
6/02/2014	1 - 3 days	light		18	0	6.3	7	260	10		0	Cloudy, very low flow, lots of fish
9/01/2014	1 - 3 days	light		17.5	0.01	8.5	7	270	10		0	Low flow cloudy
16/12/2013	> 7 days			17	0	5.4	6.5	340	10		0	Sun rising 6.00am, medium flow
04/11/2013	> 7 days			15	0	7.3	7	310	10		0	Sunny, very low flow, low tide
05/10/2013	1 - 3 days	light		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		12	0	9.4	7	400	10		0	Cloudy, low flow
12/08/2013	4 - 7 days			8.5	0.01	8.7	7	330	10		0	Medium flow, foggy
02/07/2013	1 - 3 days	heavy		10.5	0.06	9.7	7	200	10		0	Heavy flow, shaded
03/06/2013	within 24 hours	medium		13	0.09	8.4	7	210	15		0	Heavy flow, sunny
03/05/2013	> 7 days			13	0.02	8.6	7	330	10		0	Medium flow, light cloud
05/04/2013	within 24 hours	medium		17	0	5.8	6.5	390	10		0	Medium flow, light clouds
05/03/2013	1 - 3 days	heavy		17.5	0.06	6.6	7	220	10		0	Heavy flow, sunny
07/02/2013	4 - 7 days			17.5	0	9.2	7	400	10		0	Sunny, medium flow, rain medium
06/01/2013	> 7 days			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			19	0.04	5.9	7	380	10		0	Very low flow
30/10/2012	> 7 days			13	0.01	7.9	7	360	10		0	Low flow, sunny
01/10/2012	1 - 3 days	medium		11.5	0.03	8.1	7	370	10		0	Sunny, medium flow
02/09/2012	4 - 7 days	light		8	0	9.8	7	390	10		0	Medium flow, sunny
07/08/2012	> 7 days			7	0.02	9.2	7	320	10		0	Medium flow, sunny
04/07/2012	> 7 days			7.5	0.06	9.7	7.5	280	10		0	Cloudy, medium flow
02/06/2012	within 24 hours	light		12	0.02	10.1	7	300	10		0	Medium flow, cloudy, some leeches
12/05/2012	> 7 days			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		16.5	0.04	7.3	7	260	10		0	sunny, medium flow
02/03/2012	within 24 hours	heavy		20	0.09	9.7	7.5	190	30		0	Cloudy, raining, high flow, many leeches
02/02/2012	within 24 hours	medium		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		18	0.1	9.5	7	300	10		0	Medium flow, sunny, last rain was light
1/12/2011	3 - 7 days	Medium		17.5	0.02	8.5	7.5	240	10		0	Medium flow, cloudy
06/11/2011	4 - 7 days	light		17.5	0.02	6.6	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			10.5	0.04	10.4	7.5	250	10		0	High flow in creek
05/07/2011	4 - 7 days			9.5	0	8.8	7	320	10		0	Medium flow
02/06/2011	within 24 hours	medium		13	0.04	8.6	7.5	230	10		0	Strong flow, sunny above the fog
03/05/2011	1 - 3 days	medium		14.5	0.01	7.6	7.5	320	10		0	Medium flow, cloudy
01/04/2011	1 - 3 days	light		17	0	5.9	7	350	10		0	Low flow, cloudy
11/03/2011	> 7 days			19	0.01	5.3	7.5	450	10		0	Very low flow. All plants drought stressed.
18/02/2011	within 24 hours	light		21	0.06	3.6	7.5	320	10		0	Low flow, cloudy
12/01/2011	within 24 hours	light		20	0	8.3	7	360	10		0	Low flow, cloudy
02/12/2010	within 24 hours	medium		18.5	0.01	7.4	7	290	15		0	Medium flow, cloudy
11/11/2010	4 - 7 days	heavy		16.5	0.03	7.2	7	300	10		0	Above average flow, cloudy
12/10/2010	within 24 hours	light		14	0	8.1	7	390	10		0	Medium rain in last fortnight

	17/08/2010	4 - 7 days	light		9	0.02	9.9	7	370	10		0	Medium flow
	15/07/2010	1 - 3 days	light		10	0.04	8.8	7	360	10		0	Medium flow
	02/06/2010	1 - 3 days	medium		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	360	10		0	
	29/03/2010	> 7 days	light		19	0.03	6.2	7	370	10		0	
	24/02/2010	> 7 days	heavy		19.5	0.04	6.1	7	280	10		0	Tannin stain in water following very heavy rain.
	18/01/2010	> 7 days	light		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			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	8.5	8	350	10		0	
	08/04/2009	1 - 7 days	light		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	
Catchment	NO. of tests (with flow)				116	116	116	116	115	116	55	116	
exit summary	Mean				14.5	0.02	9.1	7.1	332	11	2.91	0	
	Median				15.0	0.02	9.2	7.0	330	10	2.00	0	
	Maximum				25.0	0.12	15.8	8.0	490	60	31.00	0	
	Standard deviation				4.0	0.03	2.1	0.2	70	5	5.12	0	
	ANZECC	Min					6.0	6.5					
	ANZECC	Max			NA	0.0612		8.5	<300	<50	<50	<150	
	ANZECC	No. compliant			110		110	116	31	115	55	116	
	ANZECC	% within guidelines			95%		95%	100%	27%	99%	100%	100%	
Note	E coli primary contact ANZECC max is <150 and secondary contact max is <1000												