

STILL CREEK CATCHMENT LANDCARE WATER TEST RESULTS 2009/2017 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	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
Still Ck at Catchment exit to	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
Berowra Ck above high tide	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 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	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	0.01	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 exit summary	NO. of tests (with flow)				104	104	104	104	103	104	43	104	
	Mean				14.5	0.02	8.8	7.1	323	11.0	3.3	0.0	
	Median				15.0	0.02	8.9	7.0	330	10.0	2.0	0.0	
	Maximum				25.0	0.11	13.8	8.0	490	60.0	31.0	0.0	
	Standard deviation				4.0	0.03	1.8	0.3	67	5.4	5.5	0.0	
	ANZECC Min								6.0	6.5			
	ANZECC Max				NA	0.0612			8.5	<300	<50	<150	
ANZECC No. compliant								99	98	104	31	103	104
ANZECC % within guidelines								95%	94%	100%	30%	99%	100%
Note	E coli primary contact ANZECC max is <150 and secondary contact max is <1000												