

Results of FOMR E. coli Monitoring in Christians Creek Watershed July 2019 through June 2021

Number of E. coli colonies per 100 ml of water (CFU/100 ml) The VA State standard for safe water (recreational) is 235 CFU/100ml

Number	Stream	Site ID #	Location	Monthly average	Monthly Average	Monthly Average	1/18/2021	2/15/2021		3/15/2021	4/19/2021	5/17/2021	6/14/2021	Site ID #
				Jul - Dec 2019	Jan - Jun 2020	Jul - Dec 2020								
1	Christians Creek	CC-OSR	Bridge on Old Staunton Road, Greenville	728	1,350	994	1,434	10,000	**	100	1,200	534		CC-OSR
2	Christians Creek	CC-PHR	Bridge on Peyton Hill Road, Greenville	1,923	884	3,115	567	2,434	**	334	1,434	4,166	8,000	**
3	Christians Creek	CC-CMR	Bridge on Churchmans Mill Road near Stuarts Draft	1,400	639	1,089	167	134		67	200	234	733	**
4	Christians Creek	CC-BBR	Bridge on Barterbrook Road near Staunton	545	451	561	200	534		0	200	1,000	5,533	***
5	Christians Creek	CC-JR	Bridge on Jericho Road at Rt 250 at Brands Flat	878	248	528	367	534		100	834	533	8,000	***
6	Christians Creek	CC-SL	Bridge on Sangers Lane near Staunton	978	289	506	134	367		34	634	533	12,767	***
7	Christians Creek	CC-DD	On private property downstream of bridge on Sangers Lane	1,028	206	461	234	834		100	534	400	10,666	***
8	Christians Creek	CC-SJR	Bridge on St. James Road near Barren Ridge	761	50	317	367	300		34	200	67	9,333	***
9	Christians Creek	CC-BRR	Bridge on Barren Ridge Road near Verona	934	22	400	167	367		67	0	0	18,667	***
10	Christians Creek	CC-THR	Bridge on Tilt Hammer Road near Verona	962	117	395	34	267		34	0	34	10,000	***
1	Barterbrook Branch	BB-MML	Bridge on McCombs Mill Lane near Staunton	561	111	423	100	200		0	34	200	8,000	***
1	Meadow Run	MR-OMR	Bridge on Old Mill Road near Verona	795	72	206	34	0		0	67	167	1,534	***

(Big snow melt)

*Rain in previous 24 hours

**1/2" to 1" of rain in previous 24 hours

***More than 1" of rain in previous 24 hours