

TANEY COUNTY HEALTH DEPARTMENT

2019 STREAM SAMPLING RESULTS

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Bacterial monitoring is a practical method to determine the potential health risk of water exposure. Bacteria are microscopic, single-celled organisms that can be found in virtually any environment. Bacterial indicators of pollution are the species found in the intestines of warm-blooded animals, including humans, where many pathogens also originate. Indicator bacteria in a waterway come from many sources, including animal droppings, faulty or leaking septic or sewage systems, storm water runoff, and disturbed sediments.

EPA standards for acceptable E.coli levels for swimming areas: A count of 235 or less is considered a safe level for recreational use.

Stream Sampling for Bull Creek	Date Sample Taken	Frequency of Samples	E.coli Count	EPA Acceptable Level
"The Slab", Walnut Shade	7/1/19	Weekly	30.9	<235
Stream Sampling for Swan Creek	Date Sample Taken	Frequency of Samples	E.coli Count	EPA Acceptable Level
Casey Hole, Casey Rd, Forsyth	7/1/19	Weekly	48.8	<235
Hulls Ford, Taneyville	7/1/19	Weekly	16.0	<235
Stream Sampling for Bull Shoals	Date Sample Taken	Frequency of Samples	E.coli Count	EPA Acceptable Level
Beaver Creek Public Use Area	7/1/19	Weekly	233.3	<235
Stream Sampling for Table Rock Lake	Date Sample Taken	Frequency of Samples	E.coli Count	EPA Acceptable Level
State Park Marina	7/1/19	Weekly	1.0	<235
Lake Sampling for Roark Creek	Date Sample Taken	Frequency of Samples	E.coli Count	EPA Acceptable Level
Stockstill Park, Branson	7/1/19	Weekly	73.3	<235