

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 | 7/17/19 | Weekly | 12.0 | <235 |
| Stream Sampling for Swan Creek | Date Sample Taken | Frequency of Samples | E.coli Count | EPA Acceptable Level |
| Casey Hole, Casey Rd, Forsyth | 7/17/19 | Weekly | 19.3 | <235 |
| Hulls Ford, Taneyville | 7/17/19 | Weekly | 33.2 | <235 |
| Stream Sampling for Bull Shoals | Date Sample Taken | Frequency of Samples | E.coli Count | EPA Acceptable Level |
| Beaver Creek Public Use Area | 7/14/19 | Weekly | 89.1 | <235 |
| Stream Sampling for Table Rock Lake | Date Sample Taken | Frequency of Samples | E.coli Count | EPA Acceptable Level |
| State Park Marina | 7/17/19 | Weekly | 5.0 | <235 |
| Lake Sampling for Roark Creek | Date Sample Taken | Frequency of Samples | E.coli Count | EPA Acceptable Level |
| Stockstill Park, Branson | 7/17/19 | Weekly | 13.2 | <235 |