



BASIC BACTERIA WATER TEST

1234 Main St. Weaverville NC 28787

Buyer Name

01/04/2022 9:00AM



Inspector

**JAMES B**

NC Septic Inspector 5829I and Septic

Installer Level II #5829

828.552.5174

lab@wncil.com



Agent

**Agent Name**

555-555-5555

agent@spectora.com

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# SUMMARY

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 2.1.1 Basic Bacteria Results - Total Coliform: Test failed for Total Coliform

# 1: TEST INFORMATION

## Information

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**Sample ID**

WNCIL-2021-2147

**Type of Test**

Basic Bacteria

**Collected By**

CT ID# NC-0346

**Collected Date**

2021-12-31

**Where was sample collected**

Outside Spigot

**Water Source**

Private Well

**Customer Name**

John Durina

**Customer Relationship to  
Property**

Owner

**Report Date**

2022-01-03

## 2: BASIC BACTERIA RESULTS

		Pass	Fail	N/A	Other
2.1	Total Coliform		X		
2.2	E. Coli	X			

Pass = Pass    Fail = Fail    N/A = No Recommended Level    Other = Other

### Information

#### Basic Bacteria Information

Total Coliform is a family of bacteria and E. coli is a specific type of Coliform (like humans are a specific type of mammal). The EPA says that any amount of Total Coliform or E. coli means the water source should be treated; therefore, the test used by most labs in the country, including the NC State Lab of Public Health, is an Absent/Present test (no count is given).

**Total Coliform: Total Coliform**  
Present (Fail)

**E. Coli: E. Coli**  
Absent (Pass)

### Observations

2.1.1 Total Coliform



#### TEST FAILED FOR TOTAL COLIFORM

**The EPA says that any amount of Total Coliform needs to be treated.**

For wells, the state laws and rules say that the proper treatment is a "chlorination" and they lay out the procedures for that treatment. This can only be performed by the property owner (these usually fail again) or a NC Licensed Well Contractor. The state prescribes which chemicals can be used (not grocery store bleach) and how much to put it in based on the stats of the well. The well should be circulated, left to sit for at least 24 hrs, then circulated, and the water run until the chemical is at a safe level. At this point the water sample for the retest can be taken.

Any NC Licensed well contractor, including WNCIL, can perform this treatment. WNCIL performs all the steps listed above and includes a "Basic Bacteria" retest. Please contact us for more information or an estimate.

Spring systems cannot always be successfully chlorinated and require frequent treatment. Sometimes a UV Light is the more practical option.

Recommendation

Contact a qualified well service contractor.