

Premium Water Test

WNCIL-2024-0717

 Collected on: **Jul 12, 2024 15:30**

 Client: **Joshua Grant
Holston Home Inspections**

 Collected by: **Home Inspector**

Address Tested:

 Collected at: **Kitchen Sink**
**538 Burbank Rd
Roan Mountain**

 Water Source: **Well**
TN

1. Bacteria Test Results

No	Parameter	Pass/Fail	Absent/Present	Comments:
1.1	Total Coliform	Pass	Absent	
1.2	E. coli	Pass	Absent	

Total Coliform is a family of bacteria and E. coli is a specific type of Coliform (like humans 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).

2. Lender Test Results

No	Parameter	Acceptable Range	Unit	Results	Pass/Fail
2.1	Lead	-	-	Absent	Pass
2.2	Nitrate	<10	ppm	6	Pass
2.3	Nitrites	<1	ppm	0.0	Pass

Lead, Nitrates, and Nitrites above the "accepted" levels can be a health risk to infants, children, pregnant women, etc.
 If the water sample failed for one or more of these parameters - please see the comment section at the end of the report.

3. Premium Test Results

No	Parameter	Acceptable Range	Unit	Results	Pass/Fail
3.1	pH	6.5 - 8.5	-	6.8	Pass
3.2	Total Iron	0.0 - 0.3	ppm	0.0	Pass
3.3	Phosphorus	-	ppb	75	N/A
3.4	Copper	0.0 - 1.3	ppm	0.0	Pass
3.5	Total Dissolved Solids	<500	ppm	61	Pass
3.6	Total Alkalinity	-	ppm	41	N/A
3.7	Turbidity	-	JTU	0	N/A
3.8	Total Chlorine	0.0 - 4.0	ppm	0.0	Pass
3.9	Free Chlorine	0.0 - 4.0	ppm	0.0	Pass
4.0	Total Hardness	-	mg/L	39	Soft
4.1	Ferrous	-	ppm	0.0	N/A
4.2	Ferric	-	ppm	0.0	N/A

The EPA does not issue any recommended levels for Total Alkalinity, Phosphorus, or Turbidity - it is an informational item.
 If the water sample failed for one or more of these parameters - please see the comment section at the end of the report.
 U.S. Environmental Protection Agency (EPA) has not set a legal limit or standard for hardness in water.

Comments:

Date of Results: Jul 14, 2024

Lab Supervisor: James Butler

Lab Tech: NC Lab Tech ID NC-0033

 Lab Supervisor Signature: *James Butler*