

Benzie County has a lower-risk groundwater profile above glacial aquifers. Sulfate is detected in ~100% of wells, driven by geological sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

N/A
HOUSEHOLDS ON
PRIVATE WELLS

Glacial aquifers
PRIMARY
AQUIFER TYPE

LOW
OVERALL
RISK LEVEL

YOUR TOP WATER QUALITY RISKS

CONTAMINANT	HOW COMMON	RISK LEVEL	SOURCE & CONTEXT
Sulfate*	~100% of wells	Low-Moderate	Geological — Natural dissolution from gypsum and sulfate minerals
Uranium	~100% of wells	Low-Moderate	Geological — Naturally occurring in granitic and sedimentary bedrock
Fluoride	~88% of wells	Low-Moderate	Geological — Naturally elevated in some deep or volcanic aquifers
Pfna	~50% of wells	Low-Moderate	
PFOS	Occasionally detected	Low	Industrial — Firefighting foam and industrial discharge

* Secondary standard — an aesthetic limit for taste, odor, or staining. Not a health-based EPA limit.

WHAT TO DO NEXT

- Order a water test.**
Test for Sulfate, Uranium, Fluoride, Pfna, coliform bacteria. Bacteria annually; others every 3-5 years.
- Get your free county report.**
See full data, treatment options, and certified labs at <https://yourwaterreport.com/states/mi/benzie-county/>
- Upload your lab results.**
We'll interpret them, flag anything above limits, and recommend next steps — free.

KNOW YOUR WELL

Well age / year drilled _____

Last water test date _____

Treatment systems installed _____

Well driller / service contact _____

WHAT YOUR RESULTS MEAN

Use this to interpret your lab report — match the contaminant to your result.

IF YOUR TEST SHOWS	WHAT IT MEANS	CONSIDER
Bacteria detected	Immediate concern	Shock chlorination; add UV system
Uranium > 30 µg/L	EPA limit exceeded — kidney risk	Reverse osmosis or ion exchange
Fluoride > 4 mg/L	EPA limit exceeded — skeletal risk	RO filter or activated alumina
PFOS detected	Health advisory level	Reverse osmosis filter

WHO SHOULD USE THIS

- Homeowners on private wells — not covered by public water testing
- Home buyers doing due diligence before closing
- Families with infants, elderly, or immunocompromised members
- Anyone who hasn't tested their well in the past 3 years

LOCAL RESOURCES

Well Testing Services | Raven Analytical Laboratories
<https://ravenwaterlab.com/>

Full county report
<https://yourwaterreport.com/states/mi/benzie-county/>

Free personalized well water report at <https://yourwaterreport.com/states/mi/benzie-county/>

Data: EPA ECHO · USGS NWIS · Water Quality Portal · U.S. Census ACS
For informational purposes only. Contact a licensed professional for testing and treatment.