

Monroe County has a moderate risk profile above glacial aquifers. Sulfate is the primary concern, driven by geological sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

**12%**  
HOUSEHOLDS ON  
PRIVATE WELLS

**Glacial aquifers**  
PRIMARY  
AQUIFER TYPE

**MODERATE**  
OVERALL  
RISK LEVEL

**YOUR TOP WATER QUALITY RISKS**

CONTAMINANT	HOW COMMON	RISK LEVEL	SOURCE & CONTEXT
<b>Sulfate*</b>	~27% above aesthetic limit	Moderate	<b>Geological</b> — Natural dissolution from gypsum and sulfate minerals
<b>PFOA</b>	~17% above limit	High	<b>Industrial</b> — Firefighting foam and industrial manufacturing discharge
<b>Arsenic</b>	~14% above limit	High	<b>Geological</b> — Naturally dissolves from bedrock and glacial sediment
<b>Chloride*</b>	~4% above aesthetic limit	Moderate	<b>Road/Geological</b> — Road salt application and natural mineral deposits
<b>Nitrite</b>	~97% of wells	Low-Moderate	

\* 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, PFOA, Arsenic, Chloride, 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/monroe-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
<b>Bacteria detected</b>	<b>Immediate concern</b>	Shock chlorination; add UV system
<b>PFOA detected</b>	<b>Health advisory level</b>	Reverse osmosis filter
<b>Arsenic &gt; 10 µg/L</b>	<b>EPA limit exceeded — chronic cancer risk</b>	Reverse osmosis or activated alumina 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/monroe-county/>

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