

Lapeer County has an elevated risk profile above glacial aquifers. Arsenic exceeds recommended limits in approximately 73% of tested wells, driven by geological sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

44%

HOUSEHOLDS ON PRIVATE WELLS

Glacial aquifers

PRIMARY AQUIFER TYPE

ELEVATED

OVERALL RISK LEVEL

YOUR TOP WATER QUALITY RISKS

CONTAMINANT	HOW COMMON	RISK LEVEL	SOURCE & CONTEXT
<b>Arsenic</b>	~73% above limit	High	Geological — Naturally dissolves from bedrock and glacial sediment
<b>Iron*</b>	~73% above aesthetic limit	Moderate	Geological — Common in glacial and alluvial aquifers; staining and taste
<b>Manganese*</b>	~17% above aesthetic limit	Moderate	Geological — Found in reducing aquifer zones alongside iron
<b>Chloride*</b>	~16% above aesthetic limit	Moderate	Road/Geological — Road salt application and natural mineral deposits
<b>Sulfate*</b>	~3% above aesthetic limit	Low-Moderate	Geological — Natural dissolution from gypsum and sulfate minerals

\* 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 Arsenic, Iron, Manganese, 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/lapeer-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>	Immediate concern	Shock chlorination; add UV system
<b>Arsenic &gt; 10 µg/L</b>	EPA limit exceeded — chronic cancer risk	Reverse osmosis or activated alumina filter
<b>Iron &gt; 0.3 mg/L</b>	Staining, taste — aesthetic issue	Oxidizing iron filter
<b>Manganese &gt; 0.05 mg/L</b>	Aesthetic + health concern at high levels	Oxidation + filtration system

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/lapeer-county/>

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