

Tuscarawas County has an elevated risk profile. Manganese is the primary concern, driven by geological sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

**22%**HOUSEHOLDS ON  
PRIVATE WELLS**Varies**PRIMARY  
AQUIFER TYPE**ELEVATED**OVERALL  
RISK LEVEL**YOUR TOP WATER QUALITY RISKS**

| CONTAMINANT       | HOW COMMON                 | RISK LEVEL   | SOURCE & CONTEXT                                                                |
|-------------------|----------------------------|--------------|---------------------------------------------------------------------------------|
| <b>Manganese*</b> | ~93% above aesthetic limit | Moderate     | <b>Geological</b> — Found in reducing aquifer zones alongside iron              |
| <b>Iron*</b>      | ~63% above aesthetic limit | Moderate     | <b>Geological</b> — Common in glacial and alluvial aquifers; staining and taste |
| <b>Sulfate*</b>   | ~59% above aesthetic limit | Moderate     | <b>Geological</b> — Natural dissolution from gypsum and sulfate minerals        |
| <b>Fluoride</b>   | ~2% above limit            | Low–Moderate | <b>Geological</b> — Naturally elevated in some deep or volcanic aquifers        |
| <b>Lead</b>       | ~1% above limit            | Low–Moderate | <b>Infrastructure</b> — Older well casing materials and household plumbing      |

\* 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 Manganese, Iron, Sulfate, Fluoride, 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/oh/tuscarawas-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>Manganese &gt; 0.05 mg/L</b> | <b>Aesthetic + health concern at high levels</b> | Oxidation + filtration system     |
| <b>Iron &gt; 0.3 mg/L</b>       | <b>Staining, taste — aesthetic issue</b>         | Oxidizing iron filter             |
| <b>Fluoride &gt; 4 mg/L</b>     | <b>EPA limit exceeded — skeletal risk</b>        | RO filter or activated alumina    |
| <b>Lead &gt; 15 µg/L</b>        | <b>EPA action level exceeded</b>                 | RO filter; inspect well casing    |

**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****Drinking Water | Brookside Laboratories, Inc.**<https://www.blinc.com/AVAILABLE-ENVIRONMENTAL-TESTS>**Full county report**<https://yourwaterreport.com/states/oh/tuscarawas-county/>

Free personalized well water report at

<https://yourwaterreport.com/states/oh/tuscarawas-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.