

Oconee County has an elevated risk profile. 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.

**32%**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>Sulfate*</b> | ~100% of wells | Low–Moderate | <b>Geological</b> — Natural dissolution from gypsum and sulfate minerals               |
| <b>Nitrate</b>  | ~100% of wells | Low–Moderate | <b>Agricultural</b> — Fertilizer, manure, and septic systems leaching into groundwater |
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| <b>Fluoride</b> | ~100% of wells | Low–Moderate | <b>Geological</b> — Naturally elevated in some deep or volcanic aquifers               |

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

**WHAT TO DO NEXT**

- 1 Order a water test.**  
Test for Sulfate, Nitrate, Nitrate, Sulfate, coliform bacteria. Bacteria annually; others every 3–5 years.
- 2 Get your free county report.**  
See full data, treatment options, and certified labs at <https://yourwaterreport.com/states/ga/oconee-county/>
- 3 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>Nitrate &gt; 10 mg/L</b> | <b>EPA limit exceeded — risk for infants</b> | RO filter; avoid for bottle-fed infants |
| <b>Fluoride &gt; 4 mg/L</b> | <b>EPA limit exceeded — skeletal risk</b>    | RO filter or activated alumina          |

**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****Private Wells - Cumming Utilities**<https://cummingutilities.com/our-system/water-lab/private-well-water/>**Full county report**<https://yourwaterreport.com/states/ga/oconee-county/>

Free personalized well water report at

<https://yourwaterreport.com/states/ga/oconee-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.