

Wayne County has a moderate risk profile. Lead exceeds recommended limits in approximately 6% of tested wells, driven by infrastructure sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

N/A

HOUSEHOLDS ON
PRIVATE WELLS

Varies

PRIMARY
AQUIFER TYPE

MODERATE

OVERALL
RISK LEVEL

YOUR TOP WATER QUALITY RISKS

CONTAMINANT	HOW COMMON	RISK LEVEL	SOURCE & CONTEXT
Lead	~6% above limit	Moderate	Infrastructure — Older well casing materials and household plumbing
Radon†	~100% of wells	Advisory	Geological — Radioactive gas dissolved from uranium-bearing rock
Uranium	~38% of wells	Low	Geological — Naturally occurring in granitic and sedimentary bedrock
Nitrite	~12% of wells	Low	
Fluoride	~95% of wells	Low–Moderate	Geological — Naturally elevated in some deep or volcanic aquifers

† No finalized EPA primary MCL. Figure shows detection frequency, not regulatory exceedance.

WHAT TO DO NEXT

- Order a water test.**
Test for Lead, Radon, Uranium, Nitrite, 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/ga/wayne-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
Lead > 15 µg/L	EPA action level exceeded	RO filter; inspect well casing
Radon > 4,000 pCi/L	EPA proposed limit; also affects indoor air	Aeration system; test indoor air
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

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/wayne-county/>

Free personalized well water report at

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