

Montgomery County has an elevated risk profile. Nitrite is detected in ~50% of wells, driven by 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

**ELEVATED**  
OVERALL  
RISK LEVEL

**YOUR TOP WATER QUALITY RISKS**

| CONTAMINANT | HOW COMMON        | RISK LEVEL | SOURCE & CONTEXT  |
|-------------|-------------------|------------|---|
| Nitrite     | ~50% of wells     | High       |   |
| Lead        | ~100% above limit | High       | Infrastructure — Older well casing materials and household plumbing   |
| Radon†      | ~100% of wells    | Advisory   | Geological — Radioactive gas dissolved from uranium-bearing rock      |
| PFOA        | ~55% above limit  | High       | Industrial — Firefighting foam and industrial manufacturing discharge |
| PFOS        | ~46% above limit  | High       | Industrial — Firefighting foam and industrial discharge               |

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

**WHAT TO DO NEXT**

- Order a water test.**  
Test for Nitrite, Lead, Radon, PFOA, 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/pa/montgomery-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  |
| PFOA detected       | Health advisory level                       | Reverse osmosis filter            |
| PFOS detected       | Health advisory level                       | Reverse osmosis 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**

**Water Testing | Department of Environmental Protection - PA.GOV**  
<https://www.pa.gov/agencies/dep/residents/my-water/private-wells/water-testing>

**Full county report**  
<https://yourwaterreport.com/states/pa/montgomery-county/>

Free personalized well water report at <https://yourwaterreport.com/states/pa/montgomery-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.