

St. Lucie County has an elevated risk profile. Radon 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.

**10%**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>Radon†</b>    | ~100% of wells             | <b>Advisory</b> | <b>Geological</b> — Radioactive gas dissolved from uranium-bearing rock         |
| <b>PFOS</b>      | ~43% above limit           | <b>High</b>     | <b>Industrial</b> — Firefighting foam and industrial discharge                  |
| <b>Iron*</b>     | ~42% above aesthetic limit | <b>Moderate</b> | <b>Geological</b> — Common in glacial and alluvial aquifers; staining and taste |
| <b>Chloride*</b> | ~25% above aesthetic limit | <b>Moderate</b> | <b>Road/Geological</b> — Road salt application and natural mineral deposits     |
| <b>PFOA</b>      | ~21% above limit           | <b>High</b>     | <b>Industrial</b> — Firefighting foam and industrial manufacturing discharge    |

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

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

**WHAT TO DO NEXT**

- 1 Order a water test.**  
Test for Radon, PFOS, Iron, Chloride, 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/fl/st-lucie-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>Radon &gt; 4,000 pCi/L</b> | <b>EPA proposed limit; also affects indoor air</b> | Aeration system; test indoor air  |
| <b>PFOS detected</b>          | <b>Health advisory level</b>                       | Reverse osmosis filter            |
| <b>Iron &gt; 0.3 mg/L</b>     | <b>Staining, taste — aesthetic issue</b>           | Oxidizing iron filter             |
| <b>PFOA detected</b>          | <b>Health advisory level</b>                       | 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**

**Private Well Water Testing - Florida Department of Health**  
<https://www.floridahealth.gov/community-environmental-public-health/environmental-public-health/water-quality/drinking-water/private-wells>

**Full county report**  
<https://yourwaterreport.com/states/fl/st-lucie-county/>

Free personalized well water report at  
<https://yourwaterreport.com/states/fl/st-lucie-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.