

Tom Green County has a moderate 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.

**14%**HOUSEHOLDS ON  
PRIVATE WELLS**Varies**PRIMARY  
AQUIFER TYPE**MODERATE**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>Nitrate</b>   | ~64% above limit           | <b>High</b>         | <b>Agricultural</b> — Fertilizer, manure, and septic systems leaching into groundwater |
| <b>Chloride*</b> | ~54% above aesthetic limit | <b>Moderate</b>     | <b>Road/Geological</b> — Road salt application and natural mineral deposits            |
| <b>Sulfate*</b>  | ~27% above aesthetic limit | <b>Moderate</b>     | <b>Geological</b> — Natural dissolution from gypsum and sulfate minerals               |
| <b>Iron*</b>     | ~1% above aesthetic limit  | <b>Low–Moderate</b> | <b>Geological</b> — Common in glacial and alluvial aquifers; staining and taste        |

\* 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**

- Order a water test.**  
Test for Radon, Nitrate, Chloride, Sulfate, 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/tx/tom-green-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>Radon &gt; 4,000 pCi/L</b> | <b>EPA proposed limit; also affects indoor air</b> | Aeration system; test indoor air        |
| <b>Nitrate &gt; 10 mg/L</b>   | <b>EPA limit exceeded — risk for infants</b>       | RO filter; avoid for bottle-fed infants |
| <b>Iron &gt; 0.3 mg/L</b>     | <b>Staining, taste — aesthetic issue</b>           | Oxidizing iron 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 & Drinking Water Tests | NET Health Lab**<https://www.mynethealth.org/departments/laboratory-services/water-testing>**Full county report**<https://yourwaterreport.com/states/tx/tom-green-county/>

Free personalized well water report at

<https://yourwaterreport.com/states/tx/tom-green-county/>

Data: EPA ECHO · USGS NWIS · Water Quality Portal · U.S. Census ACS  
For informational purposes only. Contact a licensed professional for testing and

