

Placer 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.

**15%**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>Manganese*</b> | ~5% above aesthetic limit | <b>Moderate</b>     | <b>Geological</b> — Found in reducing aquifer zones alongside iron              |
| <b>Iron*</b>      | ~3% above aesthetic limit | <b>Moderate</b>     | <b>Geological</b> — Common in glacial and alluvial aquifers; staining and taste |
| <b>Arsenic</b>    | ~3% above limit           | <b>Low–Moderate</b> | <b>Geological</b> — Naturally dissolves from bedrock and glacial sediment       |
| <b>Fluoride</b>   | ~2% above limit           | <b>Low–Moderate</b> | <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.

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

**WHAT TO DO NEXT**

- 1 Order a water test.**  
Test for Radon, Manganese, Iron, Arsenic, 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/ca/placer-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>Manganese &gt; 0.05 mg/L</b> | <b>Aesthetic + health concern at high levels</b>   | Oxidation + filtration system               |
| <b>Iron &gt; 0.3 mg/L</b>       | <b>Staining, taste — aesthetic issue</b>           | Oxidizing iron filter                       |
| <b>Arsenic &gt; 10 µg/L</b>     | <b>EPA limit exceeded — chronic cancer risk</b>    | Reverse osmosis or activated alumina filter |
| <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**

**Los Angeles County Public Health Laboratory**  
12750 Erickson Avenue, Downey 90242 · (562) 658-1300

**Full county report**  
<https://yourwaterreport.com/states/ca/placer-county/>

Free personalized well water report at  
<https://yourwaterreport.com/states/ca/placer-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.