Environmental Service Pros Releases Comprehensive Radon Testing Guide for Tennessee Homeowners

June 24, 2026

NASHVILLE, TN - June 24, 2026 -
Environmental Service Pros, a Nashville-based environmental hazard testing and remediation company, has published a detailed guide addressing radon exposure risks in Tennessee homes, where elevated levels of the radioactive gas pose significant health concerns for residents throughout the state.

The comprehensive resource provides homeowners with critical information about radon detection, testing protocols, and mitigation strategies as Tennessee continues to report higher-than-average radon concentrations in residential properties. According to Environmental Protection Agency data, radon remains the second leading cause of lung cancer in the United States, responsible for approximately 21,000 deaths annually.

The guide emphasizes that every home requires testing regardless of age, construction type, or neighborhood location. Radon, a colorless and odorless radioactive gas, forms naturally when uranium in soil, rock, and water breaks down. The gas enters homes through foundation cracks, gaps around pipes, construction joints, and well water systems.

"Tennessee homeowners often underestimate their radon exposure risk because the gas is completely undetectable without proper testing equipment," said Michael McDonnell, President of Environmental Service Pros. "Our guide helps residents understand that radon can accumulate in any home, and regular testing is the only way to ensure family safety."

The publication outlines specific situations when radon testing for Nashville homes becomes particularly urgent, including property transactions, post-renovation periods, and after installing new HVAC systems. The guide distinguishes between short-term and long-term testing methods while explaining the advantages of professional assessment over do-it-yourself testing kits.

Environmental Service Pros recommends mitigation for any reading above 2.0 picocuries per liter, though the EPA action level sits at 4.0 pCi/L. Professional mitigation systems can reduce radon levels by 80 to 99 percent when properly installed and maintained.

The guide also addresses common misconceptions about radon safety in newer construction. While modern building codes include radon-resistant features, these measures do not guarantee protection without verification through testing. Finished basements may actually increase radon accumulation by creating sealed environments where the gas concentrates.

Radon mitigation services Nashville residents require typically involve installing sub-slab depressurization systems that draw radon from beneath the foundation and vent it safely outside. Installation generally takes one to two days, depending on home size and foundation type.

The resource includes a frequently asked questions section covering radon level variations, seasonal testing considerations, and long-term monitoring recommendations. Environmental Service Pros notes that radon concentrations can fluctuate based on weather patterns, soil moisture, and home ventilation changes.

Environmental Service Pros specializes in comprehensive environmental hazard assessment and remediation throughout Middle Tennessee. The family-owned company provides mold testing, asbestos removal, lead abatement, and various environmental cleanup services for residential and commercial properties. Their certified technicians maintain current training in EPA-approved testing protocols and mitigation techniques, ensuring compliance with state and federal environmental safety standards.

###

For more information about Environmental Service Pros, contact the company here:Environmental Service ProsMichael McDonnell(615) 813-6051info@enviroprosnashville.com3728 Keystone Ave, Nashville, TN 37211

Environmental Service Pros

Environmental Service Pros, a family-owned local company in Nashville, specializes in mold testing and asbestos removal. Our licensed team offers 24/7 emergency service with safe, precise, and reliable solutions for healthier indoor spaces.

Website: https://enviroprosnashville.com/

Email: info@enviroprosnashville.com

Phone: (615) 813-6051

