

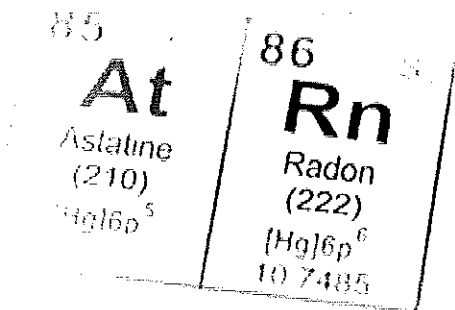


Environmental Services Radon Testing & Mitigation

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Radon Testing and Mitigation

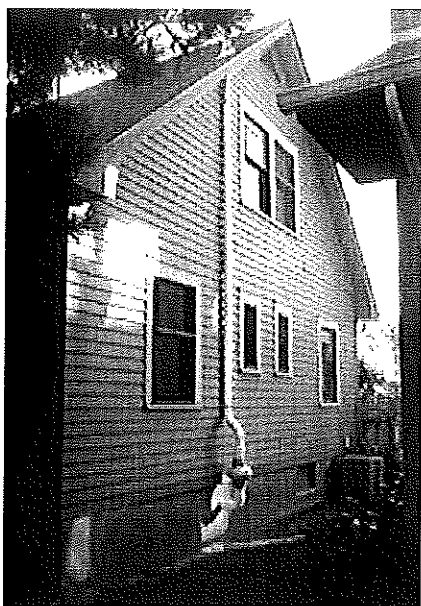
U.S. Surgeon General Health Advisory



“Indoor radon is the second-leading cause of lung cancer in the United States and breathing it over prolonged periods can present a significant health risk to families all over the country. It’s important to know that this threat is completely preventable. Radon can be detected with a simple test and fixed through well-established venting techniques.” January 2005

Our Mission

Environmental Works cares about your indoor air quality and long term health, which is why we offer complete Radon testing and Radon mitigation services. As a NEHA-NRPP (National Environmental Health Association- National Radon Proficiency Program) certified Radon measurement and mitigation contractor, and our extensive experience in commercial and residential construction and environmental services, Environmental Works will complete your project from testing to system design and installation at a competitive price.



Residential Radon Mitigation System

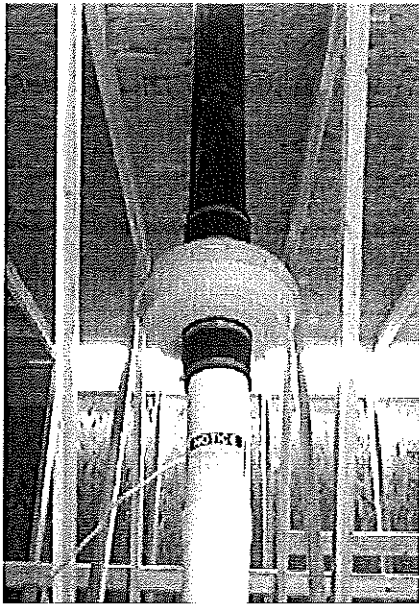
Contact us today to learn more about our radon testing and mitigation services.

Radon Testing Services

Environmental Works provides short term radon testing (48 hour minimum) using a state of the art Sun Nuclear active continuous radon monitor. This allows us to get you results immediately upon completing the test, saving valuable time. Unlike passive tests, a single active continuous test is sufficient to make a recommendation for installing a radon reduction system. We also offer passive charcoal canister and alpha track testing for short and long term tests (greater than 90 days) upon owner's request. Water sampling tests may also be provided for homes served by well water. Test results include a written report and recommendations for radon mitigation when needed.

Radon Mitigation Services

Environmental Works provides a free radon mitigation system consultation and quote if elevated radon levels have been found. All of our systems are guaranteed for 10 years to remain below the EPA action level of 4.0 pCi/L, and we always design our systems to be as aesthetically pleasing as possible. Our radon fans also carry a 5 year manufacturers warranty. Many of our radon systems can be hidden within the interior of the home and exit the roof like a standard plumbing vent. Exterior systems are installed in an ideal location, and may be painted to match existing exterior color. Our systems receive a post mitigation test to insure that they are performing correctly.

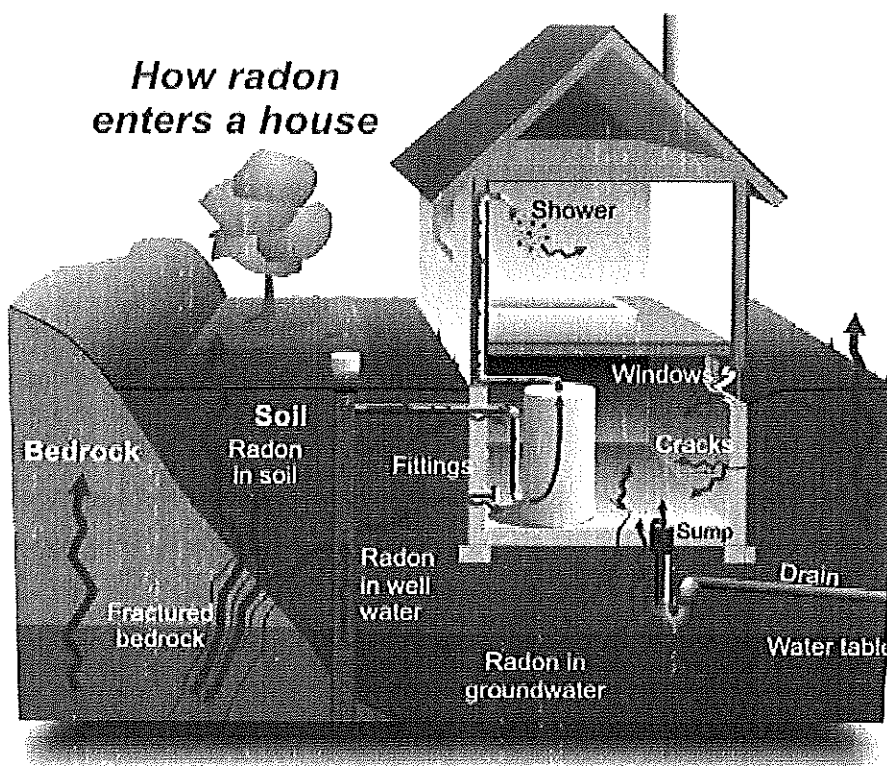


Radon Mitigation System
For New Construction

Our radon reduction systems are typically “active” systems using a continuous radon fan and vent piping to create a negative pressure under a concrete slab (sub-slab depressurization), under a soil-gas membrane in a crawl space (sub-membrane depressurization), or a combination. Some systems may also be incorporated into a new or existing sump when subsurface groundwater is also an issue. “Passive” systems may be sufficient in new construction projects, with the option to make them active if radon levels test above the EPA action level of 4.0 pCi/L. Every radon reduction system is designed specifically for your home using high quality materials and workmanship.

Facts About Radon

- » Radon is an odorless, tasteless and invisible gas produced by the decay of naturally occurring uranium in soil and water
- » Radon is a form of ionizing radiation and a proven carcinogen.
- » How radon enters the home:
 - o Cracks in solid floors
 - o Construction joints
 - o Cracks in walls
 - o Gaps in suspended floors
 - o Gaps around pipes
 - o Cavities inside walls
 - o The water supply



- » It's estimated that at least 1 in 7 properties in the Portland/Vancouver Metro Area have elevated radon levels
- » Radon is the second leading cause of lung cancer in the U.S. (it's the leading cause in non-smokers)
- » Radon kills over 20,000 Americans every year, which is more than drunk drivers and home fires combined
- » The Surgeon General and the EPA recommend that all properties be tested for radon
- » You want radon tests on homes to be recent, within the past 2 years
- » If people have renovated or altered their home since they last tested they should re-test
- » Winter is the best time to test for radon because the home is all sealed up
- » When buying a home a buyer or buyer's agent should ask about a radon test
- » Having a radon test already done with favorable results can speed up the sale process

Radon Resource Links

- [EPA Radon Publications and Resources](#)
- [State of Oregon Radon Page](#)

Environmental Services

- » [Sewer System Inspection, Replacement, & Repair](#)
- » [NEHA-NRPP Certified Radon Testing & Radon Mitigation](#)
- » [Stormwater Management & Injection Control Systems](#)
- » [Underground Heating Oil Tank Removal & Remediation](#)
- » [Environmental Compliance Management & Pollution Prevention](#)
- » [Natural Sciences & Ecosystem Management](#)

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