



How to know if there's radon gas

Only individual testing can determine which houses may have a radon problem. All Nebraska homes should be tested for radon. You cannot base your radon level on a neighbor's test result. Every house is different. Measuring radon levels in your home is simple, inexpensive and takes only a few minutes.

Where to get a test kit

For a FREE Radon test kit please call the Three Rivers District Health Department at 402-727-5396.

How and where to test

The Environmental Protection Agency (EPA) recommends that the test device(s) be placed in the lowest level of the home that could be used regularly, whether it is finished or unfinished. Conduct the test in any space that could be used as a bedroom, play area, family room, den, exercise room, or workshop. Do not test in a closet, stairway, hallway, crawl space or in an enclosed area of high humidity or high air velocity. An enclosed area may include a kitchen, bathroom, laundry room or furnace room.

Find a certified radon mitigation company

For a list of certified mitigation companies in your area please call the Three Rivers District Health Department at 402-727-5396.

For More Information:

Three Rivers District Health Department:
402-727-5396

Nebraska Radon Program Office:
1-800-334-9491

EPA Radon Web Site:
www.epa.gov/radon

Health & Human Services web site:
www.hhs.state.ne.us/radon/

UNL-Extension web site:
lancaster.unl.edu/home/indoorair/radonmonth.shtml

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

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We are your one stop for information regarding the health of you and your family.

Please visit us online at www.threeriverspublichealth.org

RADON RESOURCE GUIDE



 **THREE RIVERS**
DISTRICT HEALTH DEPARTMENT
Dodge, Saunders & Washington Counties

Fremont Office

33 West 4th Street
Fremont, NE 68025
(402) 727-5396

Wahoo Office

1102 North Chestnut Street
Wahoo, NE 68066
(402) 443-4603

www.threeriverspublichealth.org



Hartford Designs			
Client	Three Rivers	Trim	8.5 in H - 11 in W
Project	Radon - Tri Fold Brochure	Bleed	8.75 in H - 11.25 in W
		Slug	Bottom - 1.5 in

Molly Hartford
7426 North 89th street
Omaha, NE 68122
402.933-6481

Our Mission

Three Rivers Public Health District Established 2002

“Our mission is to facilitate personal responsibility while promoting health and preventing disease among the residents of Dodge, Saunders and Washington Counties.”

What Is Radon?

Radon is a colorless, odorless, radioactive gas emitted from uranium, a naturally occurring mineral in rocks and soil. Radon is a concern when it seeps in through openings such as cracks, loose-fitting pipes, sump pits, dirt floors, slab joints, or block walls and accumulates in the home.

Why is Radon a concern?

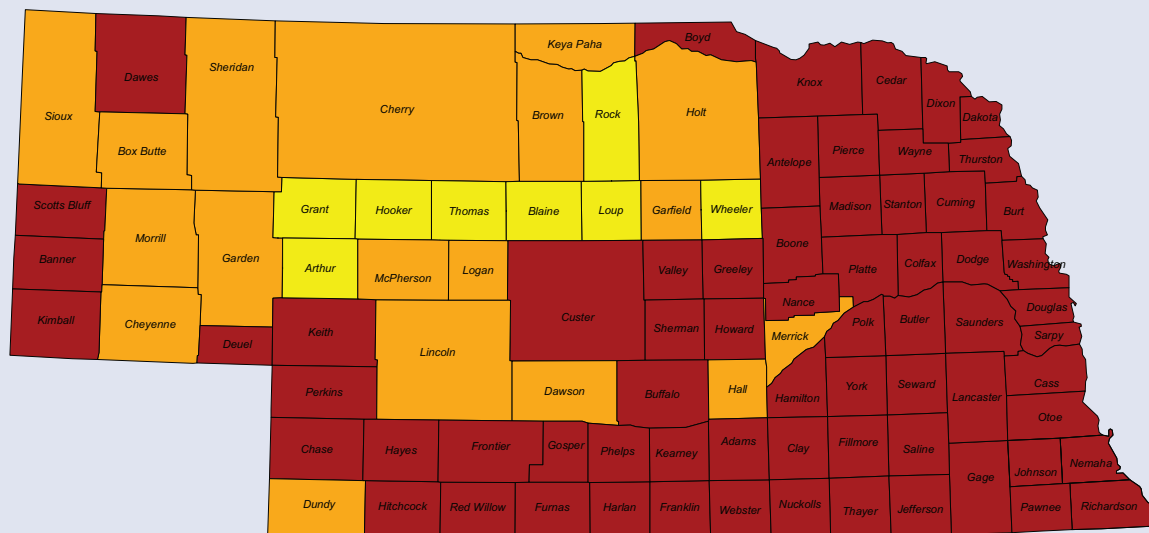
Radon has been implicated as a risk factor in the development of lung cancer. Radon gas decays into radioactive particles that can get trapped in your lungs causing damage to lung tissue and leading to lung cancer. It is estimated that radon may be associated with 15,000 to 22,000 lung cancer deaths per year in the United States – second only to smoking.

It's important to know the level of radon gas in the home, so preventative measures can be taken to ensure a safe environment. Testing is very affordable, and if levels are above 4.0 pCi/L, it is very affordable to mitigate.

The best thing to do is to test for radon now and fix a problem if it exists. The EPA estimates that it could cost \$800 to \$2,000 to mitigate a home, which may be minimal when considering the value of the home.



County Radon Results



Nebraska has a very high incidence of radon in homes; over half of homes that test in the state have levels above the action level of 4.0 pCi/L. Dodge, Saunders, and Washington Counties are all in Zone 1 (red zone), which means that homes in these counties have a predicted average indoor radon screening level greater than 4.0 pCi/L. EPA recommends taking mitigation action when levels are at or above 4.0 pCi/L.

Average Radon Concentrations by County

■	Zone 1: Greater than 4pCi/L	Highest Potential
■	Zone 2: Between 2 & 4pCi/L	Moderate Potential
■	Zone 3: Less than 2pCi/L	Low Potential

New Construction

Building a new home can be a very exciting time. Making it safe to live in is an important responsibility, especially when it comes to radon gas. Radon-resistant new construction (RRNC) techniques can be effective in preventing radon entry. When installed properly and completely, these simple and inexpensive techniques can help reduce indoor radon levels.

These techniques could add \$300-\$500 to the cost of a new home, depending on current construction practices. Fixing an existing home could cost \$800 to \$2,000 depending on its features. This clearly makes

incorporating radon-resistant construction techniques cost effective.

In addition, installing them at the time of construction makes it easier and less expensive to reduce radon levels further if these passive techniques don't reduce radon levels to below 4 pCi/L.

For more information on Radon-resistant new construction (RRNC) please call the Three Rivers District Health Department at 402-727-5396.