

## About us...

We are a full service radon testing and mitigation company that is committed to providing you with the highest level of service possible. Quiet simply, we want to be the best—we won't be happy until you are happy. We will do what ever it takes to make you 100% satisfied with our work. We go above and beyond.

- Residential and Commercial Testing
- Residential and Commercial Mitigation

By installing a radon mitigation system in your home, not only will you be protecting your loved ones as well as your investment, but there are also other advantages:

- **Reduces mold**
- **Reduces soil gas**
- **Reduces high humidity**—a system will lower your homes indoor humidity levels.

## Buying or Selling a Home?

Informed home buyers are having radon tests performed when considering the purchase of a home.

Finding elevated concentrations of radon doesn't mean you should walk away from your dream home!

Radon reduction technology has improved so much over the last few years that reducing radon is easy and affordable.

## Radon Resources

- NEHA NRPP—National Radon Proficiency Program  
[www.radongas.org](http://www.radongas.org)
- AARST—American Association of Radon Scientists and Technologists  
[www.aarst.org](http://www.aarst.org)
- EPA—Main Radon page  
[www.epa.gov/radon/index.html](http://www.epa.gov/radon/index.html)

EPA supports the following hotlines to best serve consumers with radon related questions and concerns.

- **1-800-767-7236.** Radon Hotline, operated by the National Safety Council in partnership with EPA.
- **1-800-557-2366.** For live help with your radon questions. Operated by the National Safety Council in partnership with EPA.

For more information contact:

## Northwest Improvements

A company of:  
**Northwest Community Action Partnership**  
270 Pine Street  
Chadron, NE 69337

Phone: 308-432-3393  
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# Radon

## HOW TO PROTECT YOUR FAMILY FROM RADON

What You Can't See Can Hurt You!



# WHAT YOU CAN'T SEE— CAN HURT YOU

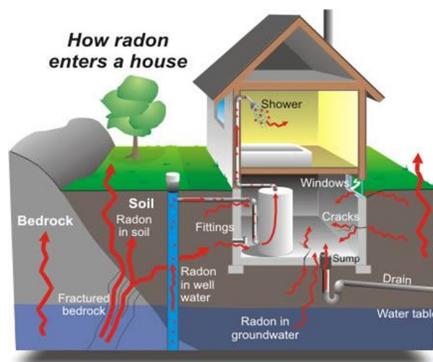
## *What is Radon*

**Radon is A Naturally Occurring, Cancer Causing, Radioactive Gas You Can't See, Smell or Taste.** Radon is estimated to cause many thousands of deaths each year. Radon comes from the natural (radioactive) breakdown of uranium in soil, rock and water. It then gets into the air that you breathe.

Radon can be found all over the U.S. High levels have been found in Nebraska. It can get into any type of housebuilding—homes, offices and schools.

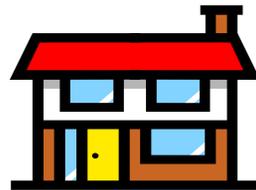
## *How radon enters a house*

Radon moving through soil pore spaces and rock fractures near the surface of the earth usually escapes into the atmosphere. Where a house is present, however, soil air often flows toward its foundation. For three reasons (1) differences in air pressure between the soil and the house, (2) the presence of openings in the house's foundation, and (3) increases in permeability around the basement (if one exists).



## *Radon Health Risks*

Almost all risk from radon comes from breathing air with radon. EPA estimates that about 21,000 lung cancer deaths each year in the U.S. are radon-related. Exposure to radon is a leading cause of lung cancer second only to smoking. There is no safe level of radon. Any exposure poses some risk of cancer. Smokers have an increased chance of developing lung cancer in a home where radon gas is found.



The only way to determine whether you have a radon problem is to test your home. It's never too late to reduce your risk of lung cancer.

## *Why you should test for radon*

Nearly one out of every 15 homes in the U.S. is estimated to have elevated radon levels. Testing is the only way to know if you and your family are at risk from radon. Testing is inexpensive and easy. The EPA recommends that you take action to reduce your home's indoor radon levels if your radon test result is 4 pCi/L or higher. We offer professional electronic testing for the low fee of \$75.00. Mileage may be charged depending on location.

## *Radon Problems Can Be Fixed*

Reducing radon levels in your home requires technical knowledge and skill, which typically involves hiring a radon mitigation contractor. There are two most common types of mitigation systems; sub-slab depressurization and sub-membrane depressurization systems.

A sub-slab system pulls air from underneath the concrete floor in the basement area, removing radon gas before it can enter the house. A fan is installed in the pipe to create a constant vacuum which draws air/gas up from under the slab.

A sub-membrane system is used in crawl spaces and under sub-floors. Depending on the type of system, the quantity of materials needed, type of dirt, and type of gravel under the slab, the cost of the system can vary.

A full inspection of the home is performed and mitigation quotes are free.

Contact us for additional information.

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