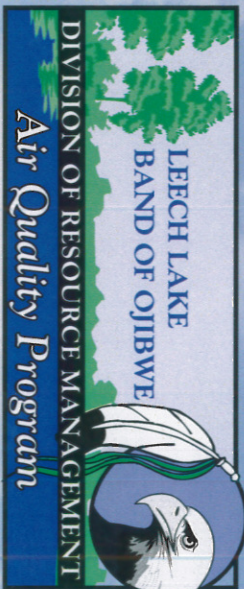


Mitigation

There are simple, in-expensive steps that can be taken to reduce high radon levels in your home. The LLAP offers information in taking these inexpensive steps. In a case that high radon levels would not decrease using these simple inexpensive methods the next step would be to install a Radon Mitigation System. These systems vary in location, size and cost. The Leech Lake Air Program has information on installing these systems and can provide information regarding radon mitigation or New Radon Resistant Construction.



Radon Mitigation System



Leech Lake Housing Authority

AMERICAN LUNG ASSOCIATION
of the Upper Midwest



Leech Lake Division of
Resource Management

6530 Hwy 2 NW

Cass Lake, MN 56633

Phone: 218-335-7429 or

218-335-7441

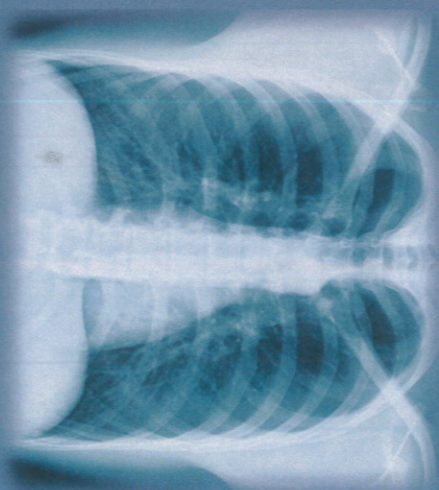
Fax: 218-335-7430

Email: arl@lldm.org

Website: www.lldm.org

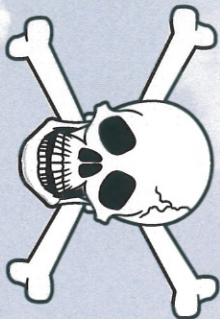
LEECH LAKE AIR QUALITY PROGRAM

RADON GAS: Is it in your home?



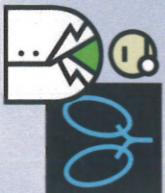
*"You will never know
until you test your home"*

What is Radon?



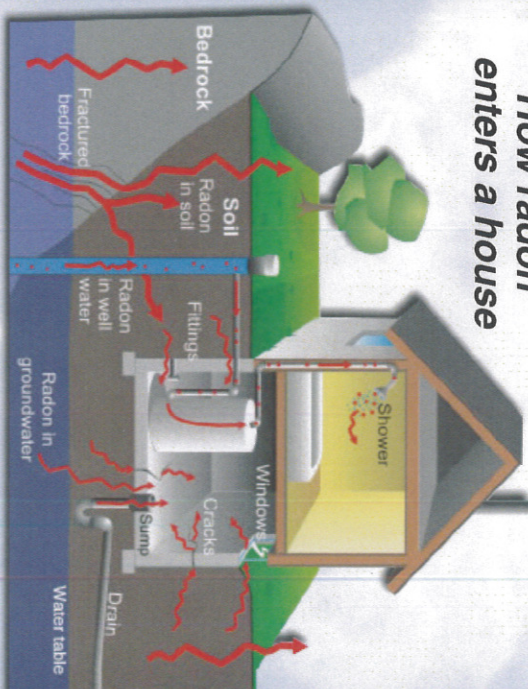
- Radon is a radioactive element that is a toxic, colorless and odorless gas derived from the decay of radium, and could be in the soil underneath YOUR HOME.
- Radon is the #1 cause of lung cancer among non-smokers in United States killing 25,000 people per year and rising.
- 21,000 of these deaths occurred among people who had never smoked.
- However, if you do smoke or you are around second hand smoke you increase your chances for developing lung cancer by as much as 4 times.

Where Does Radon Come From?



- Radon is the decay product of Radium and part of the long decay chain of Uranium in the earth's crust. It is present in almost all rock, soil and water.
- Radon typically moves up through the ground into the atmosphere entering your home through cracks and other holes in the foundation.
- The amount of radon in soil depends on the soil chemistry, which varies from one house to the next.

How radon enters a house



Could My Home Have Radon?

- More than half the state of Minnesota is in a zone that has the highest potential risk for elevated radon levels.
- Big, small, new or old - ALL HOMES SHOULD BE TESTED FOR RADON! Regardless of geographic location, zone designation or soil type.
- The only way to be 100% sure that you and your family are not at risk for lung cancer due to high radon levels is to ...

TEST YOUR HOME!

- For information regarding radon testing in your home contact the Leech Lake Air Program.

How Do I Test?

- A radon test kit is an effective and easy way to measure the radon level in your home.
- A short term radon test kit set out for 3-7 days will indicate the level of radon in your home. 90 day long term test kits can be used to further assess high radon levels.



- Your radon test results will be reported in PicoCuries per Liter of air (pCi/L). If your radon level is 4 (pCi/L) or higher, you are at unsafe levels. Leech Lake Air Program and EPA recommend you fix your home to bring high levels down to below 4 for habitable and safe conditions.



Long Term Radon Test Kit