

- Radon is a gas that naturally comes from the earth and rocks.
- It can seep into your home through small cracks or openings in any part of the foundation or walls that touch the ground.



- It has no colour, no smell and no taste.
- Every home is different – radon might be high in one house, and low in the house right next door.
- The only way to know if there is too much radon gas in your home is to have the air tested.

WE WANT TO TEST EVERY HOME
IN TIMISKAMING FOR RADON THIS
WINTER.

For more information contact:

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Community Radon Monitoring Project



Questions and Answers

Timiskaming First Nation Timiskaming First Nation

- **HOW DOES THE SAMPLER WORK?**

As radon gas decays, it makes radioactive alpha particles – these cause damage in your lungs that can turn in to cancer.



The sampler has a piece of plastic inside that can be marked by alpha particles in the air. The marks can be counted with a high power microscope.

The sampler is not radioactive or dangerous in any way. It does not have any electrical power or batteries.

The sampler needs to sit in one place for 3 months. You do not need to do anything to it, but should make sure it does not get moved around or lost.

High levels* of radon gas increases your chance of getting lung cancer

NON-SMOKING + HIGH RADON



1 out of 20 will get lung cancer

SMOKING + HIGH RADON



1 out of 3 will get lung cancer

* 800 becquerels

- **WHO WILL DO THE SAMPLING?**

TFN staff in the environmental quality department will put the sampler in your home, and come back near the end of March 2015 to pick it up. You do not need to do anything.

- **WHO WILL SEE THE RESULTS?**

TFN staff from the Health Centre will get the results and contact you directly. Individual results will be confidential, but a report showing the results without identifying homes will be written.

- **WHAT IF THE LEVELS ARE HIGH IN MY HOME?**

High levels will not make you sick right away. It takes a long time of exposure before lung cancer develops, and even then, not everyone will get lung cancer.

Increasing the fresh air in your home and repairing any cracks or leaks in the foundation can reduce radon levels.

If the radon level is above the safe guideline (200 becquerels), the TFN Health Centre will work with you to reduce levels.