

# Take Action on Radon National Kick-off Meeting for Radon Action Month

October 20<sup>th</sup>, 2020









### **Purpose of the Regional Meetings**

- Provide an update on ongoing TAOR programs and projects
- TAOR plans for Radon Action Month (RAM) this November
- Resources that TAOR will be making available for everyone to use
- Initiatives from across the country









# 2018 – 2019 was the Inaugural Year for the Project, with Expansion in 2019-2020 and here are the communities we will be launching in 2020-2021 Fall 2020 Communities





### 2018-2019 Communities

Moncton, NB

Salmon Arm, BC

Winnipeg, MB

Spruce Grove, AB

Golden, BC

Souris, MB

Port Colborne, ON

Baden, ON

Wabana, NL

### <u>2019 – 2020 Communities</u>

Halifax, NS

Sherbrooke, QC

Brandon, MB

Dauphin, MB

Greater Madawaska, ON

Summerland, BC

Valemount, BC

Coquitlam, BC

Abbotsford, BC

McBride, BC

Vaudreuil-Dorion, QC

Pembroke, ON

Harrison Park, MB

North Grenville, ON

Sicamous, BC

Kelowna, BC

West Kelowna, BC

Peachland, BC

Westbank, BC

Vernon, BC

Sundre, AB

**Black Diamond, AB** 

Lakeshore, MB

Madawaska, NB

Stephenville, NL

Leeds & Thousand Islands, ON

Silver Harbour, MB

Carleton-sur-mer, QC

Candiac, QC

Chatham-Kent, ON

Mount Pearl, NL



Our 2019 – 2020 Communities will be releasing their Community Reports soon. You can find them on our Take Action on Radon website as they are released.

Our 2020-21 Communities are launching their campaigns, and we're gaining media

coverage!







### **Local News**

Stephenville Mayor Hoping Residents Avail of I



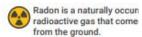
NORTH GRENVILLE, ON

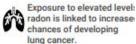
100 Radon Test Kit Challenge

### 90 HOMES

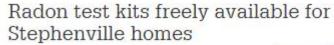
participated by testing for radon during the winter of 2019. This represents less than 2% of the community dwellings.

24% of homes tested above Health Canada's guideline of 200 Bg/m³.









Stephen Roberts (stephen roberts@thewesternstar.com) Published: Oct 15 at 5:11 p.m.











# Working from home during COVID could increase exposure to radon gas



Published on: October 19, 2020 | Last Updated: October 19, 2020 4:12 PM ED1



hatham-Kent public health impector Scott Dawson displays one of the radon test kits that are available from the Chatham-Kent F lealth to measure to see if the cancer-cause gas is in your home, (Eflecod Shreve/Chatham Daily Mees)



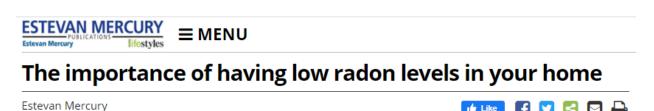
Our 2019 – 2020 Communities will be releasing their Community Reports soon. You can find them on our Take Action on Radon website as they are released.

Our 2020-21 Communities are launching their campaigns, and we're gaining media coverage!

OCTOBER 15, 2020 12:11 AM

### The numbers so far....

- 1 Community is distributing their test kits
- 1 Community has filled their registration list and is on to a wait list
- 4 Communities (Kelowna region) have filled their registration list and expanded to include 1000 more test kits (thanks to BC Lung and the Vancouver Foundation for support)
- 11 Communities are actively accepting registration ranging up to ½ full
- 4 Radio Interviews
- 14 Print and Online Articles



People are being encouraged to be mindful about radon — an invisible radioactive gas produced by the breakdown of uranium in the ground.

It is found in almost every home in the country, and in small concentrations, is not a cause for concern. But in larger concentrations, it can be dangerous, as it is the second leading cause of lung cancer after smoking, and the leading cause of lung cancer for non-smokers.



Win a rebate of up to \$1000 towards the cost of reducing the high radon level in your home.



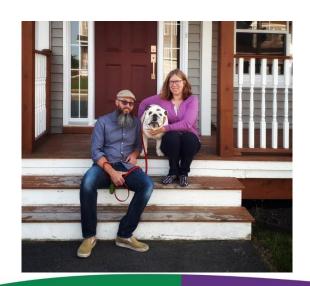




Winners will be announced on the Take Action on Radon website, through regionalized press releases and on social media.

Check them out to see some great testimonials from engaged Canadians.

https://takeactiononradon.ca/join/res ources-for-stakeholders/





**SK**: "I think everyone should test as a selling feature for their house. Now that everyone is getting to know about it; in Regina there are a lot of homes that are high. When you go to sell your house, it will be hard to sell if you haven't had it looked after. "

**NS:** "The short-term cost of testing for radon may seem high, but the long-term cost will be higher," says Earl Head. "I wouldn't take any chances, it's always better to be safe than sorry — especially when it's so easy to test."









# This year's hashtag is:

### #TakeActiononRadon

Your home may be your new workplace

- Home workplaces are different from traditional workplaces

You're spending more time in your home.

- Some things are out of our control....
- Chaos, kids, pets
- But there are things you can control... the air they breathe
- Primary messaging:
- Working from home? Keep your indoor air safe.
- Life is chaotic but testing for radon is easy. Simple. Test now.



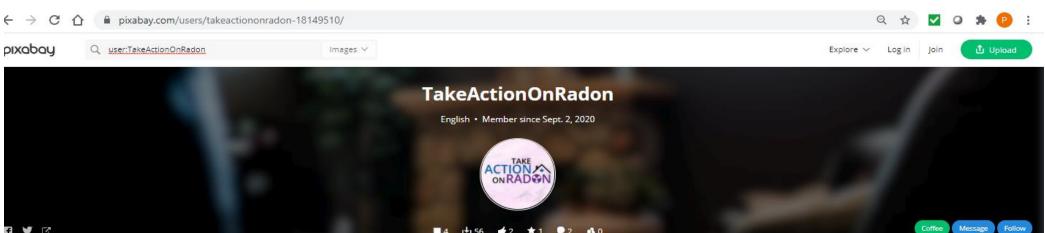








# Free Downloadable Resources: Radon photos now available on pixabay.com







Search: radon

Comments so far...

- "I never thought I'd find such a specific picture thank you!"
- "Wow!"





### Free Downloadable Resources:

Radon photos now available on pixabay.com



POPULAR

LATEST

ABOUT ME

































Window Clings available

LE RAD N C'EST MESURÉ

Pins

**TESTED** 

RAD\*N

Postcard (French on reverse)



















**NEW!** Bookmarks and postcards in Tagalog, Punjabi, and Chinese!

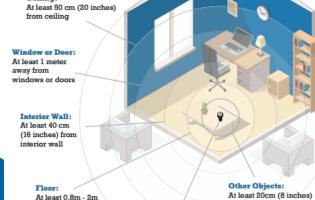
AND

from other objects

New image for placement instructions in French and English!

# Detector Placement: **Minimum**Distance From Room Features





RADON DETECTOR

(3 - 6.5 feet) from

















### Take Action on Radon - ASK AN EXPERT NATIONAL WEBINAR:

- November 19, 2020 english
- November 20, 2020 french
- 1pm Eastern

Canadians will be able to submit questions ahead of time and we will have a prize draw for attendees.













# Canadian Cancer Society Social Media:

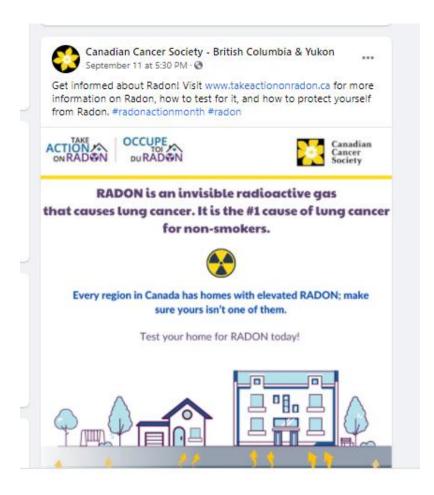
Sept. 11 @ 7:30 p.m.

Oct. 17 @ 9 a.m.

coming up...

Nov. 1 @ 11 a.m.

Watch for them and share.











# **Health Canada Updates:**

- Distributing 1.5 million postcards in November to various postal codes across Canada
- Watch for posts on social media
- Pushing out press releases in November
- Developing decision tree infographic
- Developing simple infographic on where to place a radon test

Also watch for these great videos. *Take Action on* **Radon** will be sharing them on our social media channels in November.

@ActionOnRadon









Canadians are spending more time at home because of COVID-19 increasing you and your family's risk of exposure to radon gas. Now, more than ever, it is important to test your home for radon.

PURCHASE ()

Purchase a long-term radon test

online www.takeactiononradon.ca

2 TEST (Q)

Follow the instructions provided to properly place the test kit in your home.

After 3 months send your radon test kit to the lab to be analysed using the return packaging and instructions provided.

You will receive your result within a few weeks.

3 TAKE ACTION (18)

If your radon level is below 200\* no action is required.

For radon levels above 200\*. take action to reduce.

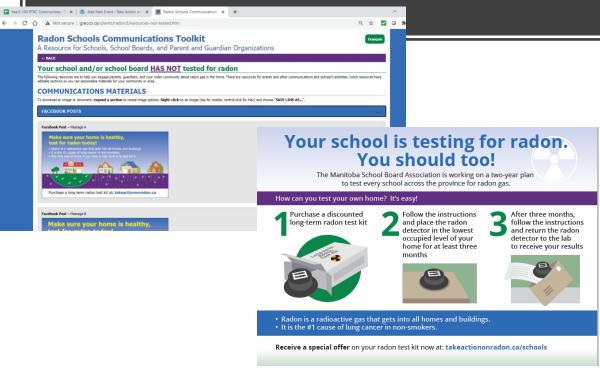
Call 1-866-225-0709 or visit Canada.ca/radon

\* Radon is measured in becquerels per metre<sup>3</sup> (Bq/m<sup>3</sup>)

Health Santé
Canada Canada

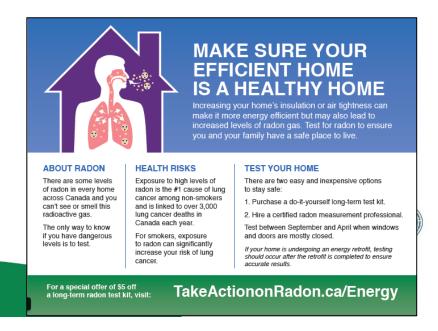
Canada

# Scout Environmental Projects



Check out the <u>www.takeactiononradon.ca</u> for Scout Environmental's School Resources. They will be live in November.

Scout Environmental is continuing their pilot project on rador and energy efficiency. Encouraging homeowners to consider radon as they increase the energy efficiency of their home. They are currently working with Nova Scotia Power and New Brunswick Power.









### HELPING CANADIANS REDUCE RADON RISK





- Applying for RAM Proclamations

- Policy Advocacy



#### TESTING FOR RADON

Testing for radon is simple and affordable: takeactiononradon.ca/test

- You can easily test your living space for radon with a DIY test kit (~\$60), or request your landlord to hire
- · Testing is recommended for 3 months (or 91 days) during the winter season or when doors and windows are typically closed
- · Test kits are placed in your main living space, then mailed to a lab for analysis. The results are returned

### REDUCING HIGH RADON LEVELS

Mitigating or reducing high radon levels can be quic relatively inexpensive: carst.ca/Mitigation-Systems

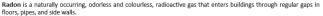
- · The health risk from radon is long-term exposure Canada recommends lowering high levels wit
- . A temporary fix to lower high levels is to open a to increase air flow through the home
- A C-NRPP certified professional should be consu lower high radon levels - all homes can be fixed
- Health Canada recommends fixing homes with levels above 200 Bg/m3

### TALKING TO YOUR LANDLORD

Ask your landlord if they have tested for radon in the past 5 years. Refer them to CARST.ca or takeactiononrad they are unfamiliar with radon. Let them know there are community campaigns and nationwide program support radon testing and mitigation rebates (see takeact ononradon.ca)

Most provinces and territories have tenancy legislation requiring landlords to ensure residences are fit for habi and comply with health, safety, housing and maintenance standards - see CELA's report on radon law and policy.

### LANDLORDS: WHAT YOU NEED TO KNOW ABOUT RADON



Long-term exposure to high levels of radon increases the risk of developing lung cancer.

Similar to having smoke-detectors, testing and reducing high radon is part of providing a safe space for tenants. Reduce your liability and test your rentals for radon.

### **ALL HOMES AND COMMERCIAL BUILDINGS** IN CANADA HAVE SOME LEVEL OF RADON!

#### NEED TO KNOW:

- Testing for radon is simple with DIY or professional options.
- . To test large commercial buildings with HVAC systems, consult a C-NRPP certified professional.
- · All buildings with high levels can be lowered with mitigation.
- · Mitigation systems can be installed quickly. Work should only be completed in consult by professionals with official C-NRPP certification.

### DECOLIDEES

RESOURCES		
CARST: Canadian Association of Radon Scientists and	Hire a registered professional to test your building and mitigate high radon.	carst.ca/Mitigation-Systems
Technologists	ask a professional. Participate in educational seminars.	
C-NRPP: Canadian National Radon Proficiency Program		c-nrpp.ca
TAOR: Take Action on Radon	Public health education campaign led by Health Canada, CARST, CAREX, the Canadian Cancer Society, and supported by health authorities and groups nationwide. Find a DIY test kit, learn about radon health effects, join community testing campaigns, or enter contests including rebates for mitigation.	takeactiononradon.ca
Government of Canada - Health Canada	Access videos, factsheets, materials to share, and a list of additional resources.	<u>canada.ca</u> What you need to know
CELA: Canadian Environmental Law Association	Find reports of radon law and policy, as well as advocacy campaigns for policy changes and homeowner rebates	cela.ca/radon
WHO: World Health Organization	Learn about the WHO recommendations for policies to prevent and mitigate residential radon exposure	who.int/ionizing_radiation/env/ radon
	CARST: Canadian Association of Association of Radon Scientists and Technologists  C-NRPP: Canadian National Radon Proficiency Program  TAOR: Take Action on Radon  Government of Canada  Health Canada  CELA: Canadian Erwironmental Law Association WHO: World Health	CARST: Canadian Association of Radon Scientists and Technologists  C-NRPP: Canadian National Radon Proficiency Program  TAOR: Take Action on Radon  Government of Canada - Health Canada - Hea











**Manitoba**: letter to ministers with specific radon related requests; advocating for low-income initiatives

**BC Lung**: letter to ministers with specific radon related requests; advocating for low-income initiatives

**Alberta**: radio ads; social media posts; supporting more library lending programs



dit%20Union.

As always, the Lung Associations across the country are doing some great efforts again this year. Here is a quick summary of their efforts regionally.

**Saskatchewan:** Tackle Radon program will be engaging with Manitoba and Saskatchewan residents through social media, webinars and interviews with their celebrity football players.

Caring Breaths program has now added Radon Mitigation as a funding option for those who can't afford radon mitigation, making it the first program in Canada to provide funding to those who can't afford it! <a href="https://www.lungsask.ca/caring-breaths-financial-assistance-program-0#:~:text=Breathing%20is%20what%20unites%20and,sponsored%20by%20Conexus%20Cre">https://www.lungsask.ca/caring-breaths-financial-assistance-program-0#:~:text=Breathing%20is%20what%20unites%20and,sponsored%20by%20Conexus%20Cre</a>











Radon Across the Country:











https://www.sherbrooke.ca/fr/services-aux-citoyens/subventions-et-aide-financiere/programmes-d-aide-a-la-renovation#centreville

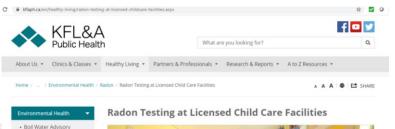












Radon Testing Initiative in Kingston Social Housing



Radon Testing at Licensed Child Care Facilities

KFL&A Public Health and the City of Kingston Housing & Social Services Department, with support from Health Canada, are sampling radon levels in basement and ground-level social housing units in the City of

https://www.kflaph.ca/en/healthy-living/radon.aspx

**H**amilton





HOW RADON IMPACTS YOUR HEALTH

RADON IS A RADIOACTIVE

ODOURLESS, NATURALLY OCCURRING

AIR WHEN URANIUM IN ROCK AND SOIL BREAKS DOWN.

homes through cracks and open















### **Ontario Home Warranty**

https://www.tarion.com/homeowners/your-warrantycoverage/radon-and-your-warranty

Within the first 7 years, if radon gas within a home exceeds Health Canada's acceptable levels of 200Bq/m³, then **Tarion** will cover the costs required to mitigate a home up to a limit of \$15,000 using a C-NRPP Mitigation professional.

### **Process of Making a Claim**

In order for radon claims to be accepted, the homeowner must supply test results showing test was conducting properly.



### Radon And Your Warranty

Radon is an invisible, odourless, naturally occurring gas found in soil. It seeps into homes through cracks in floors, walls and foundations – access points mainly found in basements. Since radon is naturally occurring, it's found in just about every home.

However, high concentrations of radon in a home may pose health risks. Health Canada says that people exposed to radon levels in excess of 200 Becquerels per cubic metre (becquerels are a unit of measurement for radioactivity) over long periods of time have a higher risk of developing cancer.



The good news is that the new home warranty in Ontario, provided by your builder and administered by Tarion, provides coverage if excessive radon levels are found in your home.

Ontario is the only jurisdiction in Canada where the builders' warranty on new homes includes radon remediation coverage. The warranty covers remediation of radon gas in excess of 200 Becquerels per cubic metre and coverage lasts for up to seven years

### Testing Your Home for Radon

If you are concerned, there are two ways to test for radon: Buy a do-it-yourself radon testing kit or









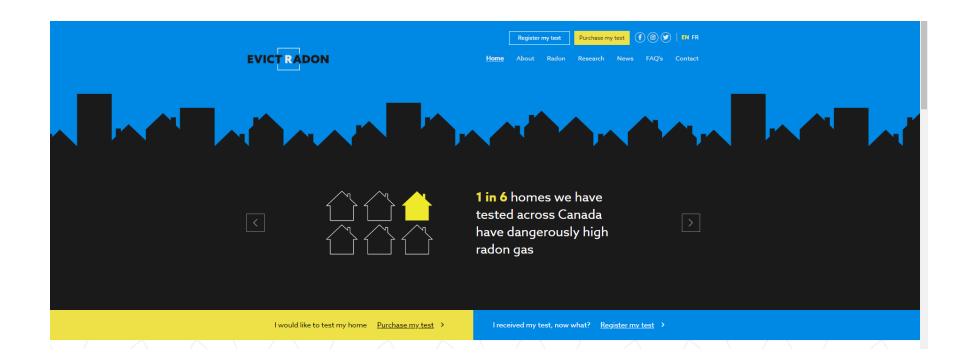
























## **Current Research:**

- Consumer Device Intercomparison project
- Passive Device intercomparison project (similar to PHE)
- Passive Device placement location research





