Date

Radon gas is a colourless, odourless, tasteless gas that enters buildings through cracks in foundations and other entry points. Being exposed to radon, increases a person’s chance of developing lung cancer. In order to make the health of our children and staff a priority we have decided to test our child care for radon to reduce radon exposure and take steps to prevent lung cancer.

Since radon is not detectable by human senses, the only way to know the radon level is to conduct a test. The best way to determine radon levels in a building is by testing areas of the building that are used for 4 hours a day or more. The tests will have to be placed and left for at least 91 days when they will be sent to a lab to be analyzed. Health Canada has developed protocols for testing and we are following their protocols for testing our child care and the Canadian National Radon Proficiency Program (C-NRPP) has devices that are approved and we are using a device that is listed by C-NRPP.

The testing will begin during the month of \_\_\_\_\_\_\_\_\_\_\_\_. We will be having a professional from \_\_\_\_\_\_\_\_\_\_come in and place the tests. (or) We will be having our staff place the tests. The testing will be completed by \_\_\_\_\_\_\_\_\_\_\_and the tests will be analyzed and the child care centre will receive a report on the radon levels and recommended actions.

We will be having a question and answer session which all parents are invited to on \_\_\_\_\_\_\_\_\_\_\_\_. At that time we will provide you with information on radon and you can ask our certified professional questions about the process. You can also find the attached list of Additional Resources.

Health Canada has information on testing and fixing buildings with high levels of radon and they have set an action guideline for radon of 200 Bq/m3. The following chart provides information on radon levels and recommended length of time to mitigate.

***Health Canada’s Recommended length to mitigate***

* 0-200 Bq/m3 No action required
* 200 – 600 Bq/m3 Mitigate building within two years
* Above 600 Bq/m3 Mitigate the building within one year

Once the test results are received they will be provided to our board of directors and will be available to parents, if requested. If our levels are above 200 Bq/m3, we will be having a certified professional provide us follow-up actions to determine how best to fix our building. Since children and staff only spend a portion of their day at the child care, we also suggest that you consider testing your home for radon.

Sincerely,

Child Care Executive Director

**RESOURCES:**

**C-NRPP – Canadian’s national radon certification program** [www.c-nrpp.ca](http://www.c-nrpp.ca)

Email: info@c-nrpp.ca

**CARST – Canadian Association of Radon Scientists and Technologists** [www.carst.ca](http://www.carst.ca)

Email: info@carst.ca

**Health Canada Publications**: *To order email: radon@hc-sc.gc.ca*

  ***Public Resources:***

Radon - What you need to know,

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/environmental-contaminants/radon-what-you-need-know-health-canada-information-sheet.html>

Radon Reduction Guide for Canadians,

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/radon-reduction-guide-canadians-health-canada-2013.html>

***Technical Documents:***

Radon Measurements in Residential Dwellings (Homes),

<http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radon_homes-maisons/index-eng.php>

Radon Measurements in Public Buildings

(Workplaces, Schools, Day Cares, Hospitals, Care Facilities, Correctional Centres),

<http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radon_building-edifices/index-eng.php>

**Canadian Protection of Children’s Health and Environment (CPCHE) and Canadian Child Care Federation** (CCCF) Publications:

Radon: What Child Care Professionals Can Do: <https://www.healthyenvironmentforkids.ca/collections/radon-what-child-care-professionals-can-do>

Radon: What Families Can Do:

## <https://www.healthyenvironmentforkids.ca/collections/radon-what-families-can-do>

**Canadian Cancer Society:**

<http://www.cancer.ca/en/get-involved/take-action/what-we-are-doing/radon-on/?region=on>

**Canadian Lung Association:**

<https://www.lung.ca/radon>