



((5G)) Winnipeg Awareness!

**Rally in Charleswood to protect an elementary school and daycare
from health risks of emissions from a proposed cell tower
** In support of the 5th Global 5G Protest Day ****

HANDOUT

WINNIPEG, March 20, 2021—Citizen groups, 5G Winnipeg Awareness and Charleswood for Safe Technology, join in the 5th Global 5G Protest Day by rallying to protect children from a proposed cell tower at 523 Harstone Road, Charleswood, Winnipeg.

Date: Saturday, March 20, 2021

Time: 1:00 - 2:00 pm

Place: 523 Harstone Road, close to Ecole Dieppe School and Sunnyside Childcare

Speakers:

- Lori Bettig, *Charleswood For Safe Technology*: Background details and announcement of support from Marty Morantz, MP; Myrna Driedger, MLA; Kevin Klein, City Councillor; and the Pembina Trails Board of Trustees and Superintendent in opposition to the proposed cell tower close to Ecole Dieppe School.
- Barry Malowanchuk, *Professional Engineer (retired), former Manitoba Hydro Telecommunications Engineer*: Health Canada's Safety Code 6 is not protective of human health.
- Margaret Friesen, *MSc, retired Government of Canada Research Biologist*: Scientific evidence supporting health concerns, including cancer and other adverse effects.

Topics will include the community's next steps to ensure protective actions by all levels of government, Manitoba Hydro and individuals, as well as describing safer options instead of cell towers near schools and residential areas, namely connectivity using fibre optic cables and other wired methods to and through the premises (FTTP).

Global 5G Protest Day: Large cell towers, such as the proposed tower, will likely be used for 5G technologies. On March 20th, groups such as ours are protesting around the world to raise public awareness about the potential health risks associated with 5G wireless technology and to call for a moratorium on the deployment of this technology, because experts worldwide have safety concerns. More than 300,000 people from more than 200 countries have signed the "International Appeal to Stop 5G on Earth and in Space".¹

5G Canada-wide: More than 20,000 Canadians have signed the "Urgent Appeal to the Government of Canada to Suspend the 5G Rollout and to Choose Safe and Reliable Fibre Connections".²

Provincially: Manitoba Hydro controls what goes on lampposts and hydro poles in Winnipeg and likely elsewhere in Manitoba. It disclosed planning pilot projects with telecommunications providers. More information is available on the City of Winnipeg, Public Engagement website and at the 5G Winnipeg Awareness website.^{3 4}

City of Winnipeg: According to a City of Winnipeg report⁵, there are plans to install at least 3,400 and possibly more than 7,000 4G/5G network antennas on lampposts, utility poles and traffic lights throughout Winnipeg— one or more network antennas along every city block. Large cell towers such as the proposed Rogers

Communications Inc. tower on Harstone Road are needed to operate 5G technologies, including the so-called “small” antennas planned in Winnipeg.

Community of Charleswood: Residents are speaking out against the proposed cell tower that Rogers has planned at 523 Harstone Road. The current proposed height of the tower is 30.9 meters, with an option to increase the height 25% and add more antennas. The tower is across the street from an elementary school (École Dieppe) and a daycare (Sunnyside Childcare). Rogers says it will adhere to Health Canada’s Safety Code 6 guidelines. However, international scientists and Canadian medical doctors are warning that these guidelines are not protective.

Marg Friesen of 5G Winnipeg Awareness, says, *“It should come as no surprise that these guidelines are not protective. These guidelines are based on the outdated premise that for the radiofrequencies emitted by the antennas on this tower, only heating can cause harm. In fact, the guidelines are based on 6 minute exposures.⁶ If a 1 gram (or 10 grams) of tissue does not heat more than 1 degree C after 6 minutes, the levels are currently deemed harmless. The problem is that the guidelines do not incorporate the biological effects reported from non-thermal (non-heating) scientific and medical literature, nor do they include other factors, such as polarization, modulation or pulsation. Furthermore, they do not include the cumulative effects of exposure to multiple wireless devices from long-term exposures. There are no studies showing safety for long-term exposures of children to radiofrequency/microwave radiation. None.”*

Lori Bettig, Charleswood resident and spokesperson for Charleswood For Safe Technology, says, *“Many scientists and medical doctors are telling us this type of radiation is not healthy for us.⁷ Children are particularly vulnerable. Why would we choose to put our convenience before our children’s health? This cell tower does not belong in a residential area and it certainly does not belong close to a school and daycare. We should be following the Precautionary Principle.”*

Public health orders: *In keeping with the need to comply with Covid-19 related public health requirements, organizers are limiting the rally to 10 (invited) participants, maintaining 2 metre distancing and wearing masks when in close proximity to those not in their household.*

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Rights of the Child and Legal Opinion on 5G from Denmark

Modified from Radet for Helbredssikker Telekommunikation



Lawyer Christian Jensen speaking at the 5G Conference on May 4, 2019

The Council on Health Safe Telecommunications, in cooperation with the Danish EHS (Electromagnetic Hypersensitivity) Association, MayDay and The Danish Institute of Public Health held a 5G Conference at Christiansborg, Denmark on May 4th, 2019.

With basis in the robust scientific research already showing biological effects from 2G, 3G and 4G, foreign and Danish speakers talked broadly about the various human and environmental consequences that 5G technology probably will cause. The Conference concluded with a presentation by Lawyer Christian F. Jensen of Bonnor Lawyers, based in the city of Holte.

The legal opinion conclusion*:

“... establishing and activating a 5G network, as it is currently described, will be in contravention of current human and environmental laws enshrined in the European Convention of Human Rights, the **United Nations Convention on the Rights of the Child****, EU (European Union) regulations, and the Bern- and Bonn-conventions protecting natural habitat and migrating species.”

Reason for the legal opinion*:

“The reason is the very significant body of scientific documentation available, showing that radiofrequent electromagnetic radiation is harmful and dangerous to the health of humans (particularly children), animals and plants. This also applies when the radiation remains within the limits recommended by ICNIRP (International Commission on Non-ionizing Radiation Protection) and currently used in Denmark as well as broadly within the EU (European Union).

The exact damaging effects to health from 5G are not known, since the system is not exactly defined, though given the background of the current research on the effects of radiofrequent electromagnetic radiation on, e.g., the bodies of humans and animals, including the provocation of DNA damage and oxidative stress, it appears highly unlikely that 5G would not lead to similar harm as the current systems, particularly since it is based on the same basic form of radiation.”

Video: mainly in Danish, the important parts are summarized in English.

<https://helbredssikker-telekommunikation.dk/nyheder/LegalOpinion5G>

Document: <https://helbredssikker-telekommunikation.dk/sites/default/files/LegalOpinionOn5G.pdf>

Related: USA lawsuit filed August 3, 2020.

<https://ehtrust.org/wp-content/uploads/20-1025-Petitioners-Joint-Opening-Brief.pdf>

FOR MORE INFORMATION: Email: 5G.Winnipeg.Awareness@gmail.com

Online 5gwinnipegawareness.ca Facebook: [5GWinnipegAwareness](https://www.facebook.com/5GWinnipegAwareness)

* *Translation from Danish.*

** *The Government of Canada signed the United Nations Convention on the Rights of the Child on May 28, 1990, and ratified it on December 13, 1991.*

20 March 2021

References

¹ <https://www.5gspaceappeal.org/the-appeal>

² <https://www.appel5gappeal.ca/>

³ <https://engage.winnipeg.ca/smallcelltechnology>

⁴ <https://5gwinnipegawareness.ca/>

⁵ <https://engage.winnipeg.ca/smallcelltechnology>

⁶ Health Canada. (2015). Limits of human exposure to radiofrequency electromagnetic energy in the frequency range from 3 KHz to 300 GHz. Safety Code 6 (2015). See Section 2.2.2 Table 5. Retrieved from http://www.hc-sc.gc.ca/ewh-semt/alt_formats/pdf/consult/2014/safety_code_6-code_securite_6/final-finale-eng.pdf

⁷ **A small portion of the studies and reports showing adverse health effects from exposure to radiofrequency/microwave radiation below current safety limits:**

- ❖ Canadians for Safe Technology. (2017, March 5). **References of over 200 scientific studies and six (6) reviews reporting potential harm at non-thermal (not heating) levels of radiofrequency/microwave radiation that are below Safety Code 6 (2015).** <http://c4st.org/?s=200+studies>. Retrieved November 4, 2020. Featured on CBC

Marketplace TV program (Wendy Mesley). The Secret Inside Your Cellphone.

https://www.cbc.ca/marketplace/m_episodes/2016-2017/the-secret-inside-your-phone

- ❖ Declaration: Doctors Call for Protection from Radiofrequency Radiation Exposure. (2014, September 28). Retrieved July 13, 2014, from <http://www.c4st.org/images/documents/hc-resolutions/medical-doctors-submission-to-health-canada-english.pdf>.
- ❖ Declaration: Scientists call for Protection from Radiofrequency Radiation Exposure. (2014, July 9). Retrieved July 13, 2014, from <http://www.c4st.org/images/documents/hc-resolutions/scientific-declaration-to-health-canada-english.pdf>.
- ❖ Dode, A. C., et al. (2011). **Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil.** *The Science of the Total Environment*, 409(19), 3649–3665. <https://doi.org/10.1016/j.scitotenv.2011.05.051>
- ❖ Dutch Court: **Health Impact of Cell Tower Cannot Be Excluded.** <https://ehtrust.org/dutch-court-health-impact-of-cell-tower-cannot-be-excluded/>. (2020).
- ❖ EMF – Medical Conference 2021. **Prevention, Diagnosis and Treatment of EMF Associated Illness. 2021.** <https://emfconference2021.com/>. Retrieved from <https://emfconference2021.com/>
- ❖ EMF Scientist Appeal - U.N. Environment Programme. (2019, July 22). **EMF Scientist Appeal - U.N. Environment Programme Urged to Protect Nature and Humankind from Electromagnetic Fields (EMF). 4G/5G antenna densification is escalating health risks - a global crisis. 2019.** Retrieved August 14, 2019, from https://emfscientist.org/EMF_Scientist_Press_Release_22_July_2019.pdf.
- ❖ Environmental Health Clinic, Women’s College Hospital, Toronto. (2019, May 30). **Ontario Doctors Warn of Rising Health Care Costs after 5G Roll Out.** Retrieved from <https://www.newswire.ca/news-releases/ontario-doctors-warn-of-rising-health-care-costs-after-5g-roll-out--845905505.html>.
- ❖ Falcioni, L., et al. (2018). **Report of final results regarding brain and heart tumors in Sprague-Dawley rats exposed from prenatal life until natural death to mobile phone radiofrequency field representative of a 1.8 GHz GSM base station environmental emission.** *Environmental Research*. <https://doi.org/10.1016/j.envres.2018.01.037>
- ❖ Federal Office for the Environment (FOEN). (2020). **BERENIS - Swiss expert group on electromagnetic fields and non-ionising radiation.** Retrieved January 27, 2021, from <https://www.bafu.admin.ch/bafu/en/home/themen/thema-elektrosmog/newsletter-beratende-expertengruppe-nis-berenis-/beratende-expertengruppe-nis-berenis.html>.
- ❖ **French courts rule for the removal cell tower near homes/schools.** *Wireless Education*. Retrieved from <https://www.wirelesseducation.org/courts-france-remove-cell-towers-high-risk-areas/>.
- ❖ Miller, A. B., Morgan, L. L., Udasin, I., & Davis, D. L. (2018). **Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102).** *Environmental Research*, 167(673-683). DOI. 10.1016/j.envres.2018.06.043). <https://doi.org/10.1016/j.envres.2018.06.043>
- ❖ Miller, A. B., et al. (2019). **Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices.** *Frontiers in Public Health*, 7. <https://doi.org/10.3389/fpubh.2019.00223>
- ❖ National Toxicology Program, National Institute of Environmental Health Sciences. (2020). **Cell Phone Radio Frequency Radiation.** Retrieved November 5, 2020, from <https://ntp.niehs.nih.gov/whatwestudy/topics/cellphones/index.html>.
- ❖ Panagopoulos, D. J. (2019). **Comparing DNA damage induced by mobile telephony and other types of man-made electromagnetic fields.** *Mutation Research/Reviews in Mutation Research*, 781, 53–62. <https://doi.org/10.1016/j.mrrev.2019.03.003>
- ❖ Physicians for Safe Technology | **Cell Tower Health Effects.** <https://midsafetech.org/cell-tower-health-effects/>
- ❖ US State of New Hampshire Committee Report. (2020). **Final Report on Commission to Study the Environmental and Health Effects of Evolving 5G Technology(RSA 12-K:12-14, HB 522, Ch. 260, Laws of 2019).** <http://www.gencourt.state.nh.us/statstudcomm/committees/1474/reports/5G%20final%20report.pdf>
- ❖ Women’s College Hospital, Toronto. (2019, May 31). **Impacts of Wireless Technology on Health: A symposium for Ontario’s medical community - Video of symposium, 31 May 2019.** Retrieved August 14, 2019, from <https://www.womenscollegehospital.ca/programs-and-services/environmental-health-clinic/June-2019-Conference-Videos>.
- ❖ Zothansiana, -, Zosangzuali, M., Lalramdinpuii, M., & Jagetia, G. C. (2017). **Impact of radiofrequency radiation on DNA damage and antioxidants in peripheral blood lymphocytes of humans residing in the vicinity of mobile phone base stations.** *Electromagnetic Biology and Medicine*, 1–11. <https://doi.org/10.1080/15368378.2017.1350584>