

((5G)) Winnipeg Awareness!

Winnipeggers to Join the Global Protest Against 5G Wireless Technology on June 6th as Opposition Grows Against Installation of Thousands of 4G/5G Network Antennas in Our Neighbourhoods

WINNIPEG, JUNE 4, 2020: 5G Winnipeg Awareness will participate in the 3rd Global 5G Protest Day with a rally at Winnipeg City Hall.

Date: Saturday, June 6, 2020

Time: Noon to 1:00 pm

Place: Winnipeg City Hall Courtyard, 510 Main Street

The Global Protest aims 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. Plans to install at least 3,400 and possibly more than 7,000 4G/5G network antennas on lamp posts, hydro poles and traffic lights throughout Winnipeg are in the works, according to a City report.

“The City estimate would result in one or more network antennas along every block,” said Margaret Friesen, spokesperson for 5G Winnipeg Awareness, “without public consultation, notification or signage because of a loophole in the City’s policy for attachments on ‘non-tower structures.’ Subsequently, more antennas could be added to the same structures. There has been no long-term health safety testing on 5G technologies. None.”

Friesen said the group is calling on the City to:

- hold comprehensive, meaningful public consultations where the residents of Winnipeg can become fully informed and have meaningful input. Residents are stakeholders, too.
- tell us who is liable for adverse health consequences. Evidence based science points to cell antenna radiofrequency emissions as causing cancer and other adverse effects.
- identify who is insuring this. Even giant insurance companies such as Swiss Re are averse to insuring for 5G damages.
- do what it can to give top priority to protecting the health of Winnipeggers, including writing a letter of non-concurrence and following the actions of Sutton, Quebec and Niagara Falls, Ontario.

Speakers for the event:

- Barry Malowanchuk - Telecommunications Engineer (retired)
- Margaret Friesen - Former Government of Canada Research Biologist (retired)
- Lyle Barkman - Local Winnipeg Businessman
- Child Representative

Topics covered will include actions that can be taken by all levels of government, Manitoba Hydro and individuals, as well as describing safer options instead of wireless 5G.

In keeping with the need to comply with Covid-19 related public health requirements, organizers are limiting the rally to 50 participants and urging that people in attendance maintain 2 metre distancing.

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Background

5G

5G signifies “5th generation” wireless technology. It claims to provide faster and higher transmission capacity. It includes Internet of Things (IoT), driverless cars and faster video downloads.

5G would massively increase the levels of biologically active microwave wave radiation in our environment. It would also use new millimeter wave frequencies that are of concern to health experts. Millimeter waves do not travel easily through buildings therefore 5G networks would require installation of millions of new so-called “small cell” antennas across Canada.

The wireless telecom industry intends to outfit many lamp posts hydro poles, sides and atop buildings across the country with these wireless small cell antennas beaming potentially hazardous radiation outside and into our homes, schools, workplaces and everywhere, 24/7.

5G radiation would be sent from advanced antennas, so-called “phased arrays,” that transmit the microwaves or millimeter waves as a set of powerful narrow beams, using a technology originally developed for military purposes. This, and the associated 5G enabled devices, would massively increase everyone’s everyday exposures to the radiation in those beams, and that would happen nearly everywhere if this technology is fully deployed.

HEALTH CONCERNS

The massive increase of radiation is observed in a 2017 conference paper¹: “Our results show that 5G downlink RF fields generate significantly higher power density (PD) and specific absorption rate (SAR) than a current cellular system... Thus, when a larger phased antenna is used or when a user moves closer to the AP, the PD value becomes a major health concern which inevitably requires more research about health effects of 5G before it is deployed successfully by strictly following the RF emission standards.”

A substantial and convincing amount of scientific research shows many adverse health effects and health hazards from radiofrequency/microwave radiation, including evidence supporting the classification of radiofrequency radiation as a known human carcinogen.^{2,3} No evaluation of human health effects nor of effects on wildlife and the environment has been undertaken. There is no research showing safety from 5G exposure alone, nor from the combined exposure to 5G plus the existing radiation that would continue from GSM, 3G, WiFi, 4G etc.^{4,5,6}

¹ Imtiaz Nasim, Seungmo Kim. 2017. Human Exposure to RF Fields in 5G Downlink
<https://arxiv.org/abs/1711.03683>

² Miller, Anthony B., L. Lloyd Morgan, Iris Udasin, and Devra Lee Davis. “Cancer Epidemiology Update, Following the 2011 IARC Evaluation of Radiofrequency Electromagnetic Fields (Monograph 102).” *Environmental Research* 167 (July 17, 2018): 673–83. <https://doi.org/10.1016/j.envres.2018.06.043>.

³ Miller, Anthony B., Margaret E. Sears, L. Lloyd Morgan, Devra L. Davis, Lennart Hardell, Mark Oremus, and Colin L. Soskolne. “Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices.” *Frontiers in Public Health* 7 (2019). <https://doi.org/10.3389/fpubh.2019.00223>.

⁴ Russell, Cindy L. “5 G Wireless Telecommunications Expansion: Public Health and Environmental Implications.” *Environmental Research* 165 (August 1, 2018): 484–95. <https://doi.org/10.1016/j.envres.2018.01.016>.

⁵ 5G appeal – European Union - <http://www.5gappeal.eu/>

⁶ Suspend 5G Canada Appeal - <http://c4st.org/5Gappeal/>