

SAY NO TO SMALL CELL ANTENNAS!

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WIRELESS RADIATION IS NOT SAFE

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Why Wolfville Should Declare a Moratorium on 5G

MOBILE PHONE GENERATION

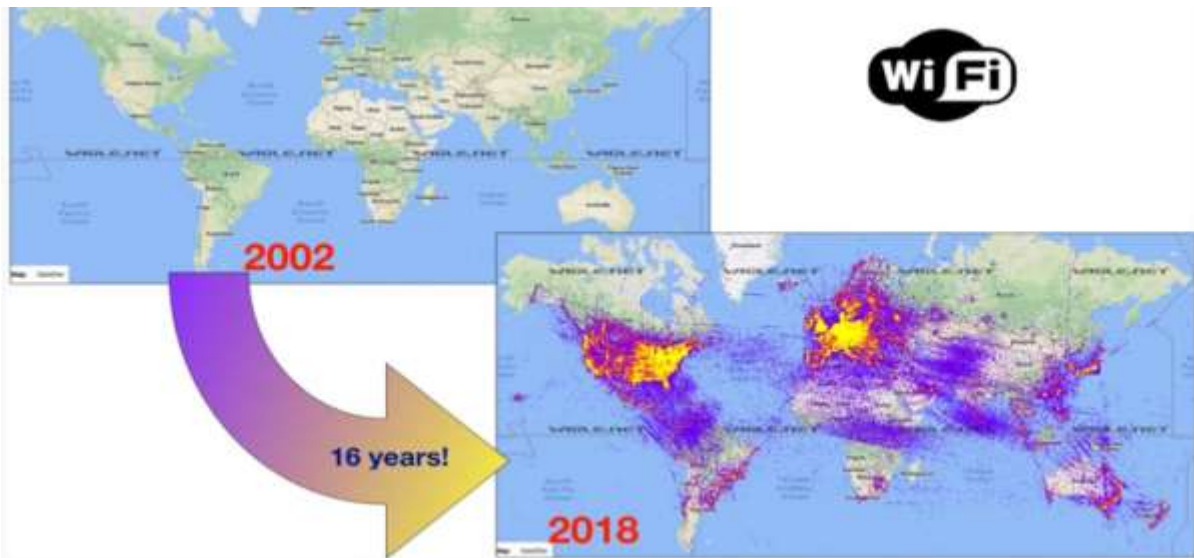


1G 2G 3G 4G 5G

5G is the 5th Generation of Cellular Technology

1G	2G	3G	4G	5G
Voice	+ Text	+ Internet	+ Video Download	+ Infrastructure to connect technology
1980s	1990	2003	2009	

We would like to make it clear that we are not here as experts in the field, but rather as informed citizens and very concerned human beings. My name is Andrea Schwenke Wyle; I live on Wolfville Ridge. Global Electromagnetic Frequency (EMF) exposures have increased dramatically—[over one quintillion times](#)¹ since I first helped to raise awareness on these issues in the early 2000s. I now know many more people with Microwave Sickness than I did then, some of whom can no longer travel, visit friends and shop in the Valley because of the already high levels of radiation caused by cell towers, smart meters and 4G.



My name is Glenda Pavelich of Wolfville. I joined this appeal because, in addition to my [concerns about wireless technology](#)^{2a}, I became aware that telecom companies,

sanctioned by NS Power, could install a small cell antenna right outside my house. 5G will require hundreds of thousands of small cells, one [every 150 metres](#)^{2b}. Do you want one

outside YOUR house, and along the streets where you and your children walk? Studies show property [values drop up to 20% on homes^{2c}](#) near cell towers. Would you buy a home with a mini cell tower in the yard?

We are presenting this appeal and asking you to join other Canadian and World municipalities in declaring a moratorium on 5G in the Town of Wolfville until it is PROVEN to be safe. We will give an overview of risks, inadequate safety guidelines, health and environmental harms, and worldwide moratorium actions.



What is 5G: 5G is the next generation of wireless technology, added on top of, not replacing the existing 3 and 4G technology, [with all of its health, environmental and security concerns^{3a}](#). 5G is at first an infrastructure to provide the antennas to communicate with an expected 64 billion additional devices, including every appliance and electronic transmitter in your home, to accommodate [the Internet of Things \(IoT\)^{3b}](#), public surveillance and driverless cars. .

5G raises alarming concerns for the health of all living beings and it will further [erode our privacy^{3c}](#). To date, [by industry admission^{4a}](#), there has been absolutely [NO Industry testing^{4b}](#) to provide [evidence of safety^{4c}](#) for this technology. As with lead, asbestos and tobacco, tens of

thousands of independent peer reviewed scientific studies, many [dating back over 50 years](#)^{4d}, have shown clear evidence of harm from non-native ([and non-ionizing](#)^{4e}) electromagnetic and radio frequencies. This evidence however has been suppressed and dismissed in the name of industry profit.

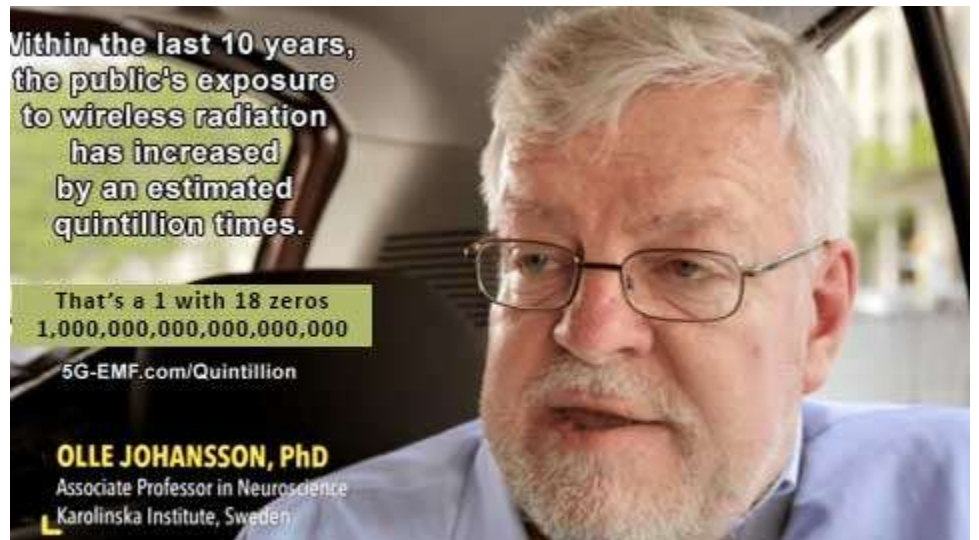


Not so “small” microcell disguised as a mailbox

As stated in the Lancet: “Th[e] weight of [scientific evidence](#)^{5a} **refutes** the prominent claim that the deployment of wireless technologies poses no health risks at the currently permitted non-thermal radiofrequency exposure levels.

Instead, the evidence supports the [International EMF Scientist Appeal by 244 scientists from 41 countries](#), who have published on the subject in peer-reviewed literature and collectively petitioned the WHO and the UN for immediate measures to reduce public exposure to artificial electromagnetic fields and radiation^{5b}.” ([Lancet Report](#)^{5c})

Dr. Ollie Johansson of the Karolinska Institute clarifies, “These gadgets and their highly artificial electromagnetic fields [interfere with normal brain function, learning and memory, fertility, cancer risks and have been shown to shatter the DNA](#) in cells.



They do not go well with bacteria, plants or other animals, quite far from it^{6a}”. He also recently [submitted documents to the Penticton, BC Council](#) regarding the urgent and serious truths of wireless

harms and need to halt 5G noting, *“It is a major mistake to omit the complexity of biological systems capable of responding to external electromagnetic stimuli otherwise than just through heating^{6b}.”*

Based on these facts, the [Environmental Health Trust^{7a}](#) and the [Children’s Health Defense^{7b}](#) jointly filed *“historic legal action against the Federal Communication Commission (FCC) for its refusal to review their 25 year old guidelines, and to promulgate scientific, human evidence-based radio frequency (“RF”) emission rules that adequately protect public health from wireless technology radiation.”* The Petition contends the agency’s actions are capricious and not evidence-based. A [case of fraud](#) has also been filed against the FCC by The Irregulators^{7c}.

In April we sent Council the [Canadian 5G Appeal^{8a}](#) urging you to become signatories. We followed up in June with critical information regarding the [Federation of Canadian Municipalities 5G document^{8b}](#).

Let’s put Wolfville on the map as a town willing to step forward advocating for the health of its plant, insect, animal and human residents.

Past President of Microsoft Canada, CEO of ‘Canadians for Safe Technology’, and head of the 5G Appeal, [Frank Clegg^{8c}](#) explains the rationale for [the Appeal^{8d}](#): *“This is a call for a moratorium on auctions [for mobile providers to bid for 5G spectrum] and installation of new small cell*



antennas until Health Canada has completed a proper review of the scientific evidence for health and economic

ramifications. The industry needs to take responsibility to prove that the technology is safe before it is released to market.”

5G Appeal [Take Action Tools](#) [Municipalities Speaking Out](#) [Supporting Organizations](#) [Newsletters](#) [About](#) [Contact Us](#) [Français](#)

We urge Canadians to appeal to the Government of Canada to “look before we leap,” to immediately suspend any further 5G rollout, and to press for a safer, more cost-effective and secure alternative — namely fibre optic and wired connections to every home and business.

WHEREAS:

1. All Canadians need safe, fast, reliable, energy-efficient, secure and affordable internet access. [Read More](#)
2. Canadians expect their government to protect their health and the environment. [Read More](#)
3. Canadians expect and deserve a transparent public consultation process to choose telecommunications infrastructure. [Read More](#)

WE, THE CITIZENS AND RESIDENTS OF CANADA, URGENTLY APPEAL TO THE GOVERNMENT OF CANADA TO:

1. Ensure all Canadians can have internet access that is safe, fast, reliable, resilient, secure, affordable, and, in the long-term, the most environmentally and economically sound for Canada: [Read More](#)
2. Protect Canadians' health and the environment *before further rollout of wireless infrastructure, including 5G:* [Read More](#)
3. Provide a meaningful, transparent process for municipalities and their citizens to have a decisive say over the installation of cellular network antennas. [Read More](#)

“As Legislation stands now, it is possible to install a small cell antenna 20 meters from a child’s bedroom without any notification to the neighborhood, and without any consent from the local municipality, town or city. We are calling for a change in legislation that requires more transparency and notification to the local community, and more consent from local government ^{8e}.”



[Renowned scientist Paul Héroux](#), who has provided countless testimonials due to his ten years of industry experience, plus another 32 in the Faculty of Medicine at McGill University where he is

director of Occupational Health, summed up the situation for the Penticton Council:

“I have unique insight in how the telecom industry works, and therefore shall be straightforward with you. Public health is already being harmed with 4G, Wi-Fi and cell towers. 5G would add to the present detrimental health effects of EMR. 5G is being pushed by industry simply to expand markets for cell phones and streaming video. The true usefulness of cell phones in terms of allowing convenient communications is already satisfied with present systems, and 5G can only be justified within the confines of an industrial plant, and should not be allowed in the human environment. I believe that proposed 5G rollouts will be one of the most serious matters you will have to vote on in your careers, both from the point of view of protecting public health and privacy. Radiating masts should not be allowed to proliferate on every street, and radiation should be curbed within our homes. I hope that you will study the advice from experts rather than relying on the conflicted message of salesmen, so that your children, friends and family will not suffer from the long-term consequences of allowing 5G infrastructure in our lives. I suspect that few of you had prior knowledge of this matter.”

*“You have a unique opportunity to reject 5G and adopt the legal, established principle explicitly incorporated into various laws and regulations in the European Union and various international bodies: “When an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically.” The only reason why there is apparent doubt in the media about the negative impacts of EMR is the unrelenting publicity by industry in favor of new products. **These products have been allowed on the market only because industry infiltrated government agencies, particularly the US FCC.** Tens of thousands of independent studies over decades do not lie about the health damage caused by wireless radiation. Cells that we observe in our laboratories, and animals that we expose to EMR are not biased, and do not lie. Industry does. EMR inflicts health problems on an unsuspecting and trusting public^{9a}.”*

This graphic represents the problem Héroux points to succinctly: [70% of Non-Industry Studies show harmful effects](#) whereas 68% of Industry studies show none.^{9b}



[Dr. Magda Havas](#), specialist in EMF research,

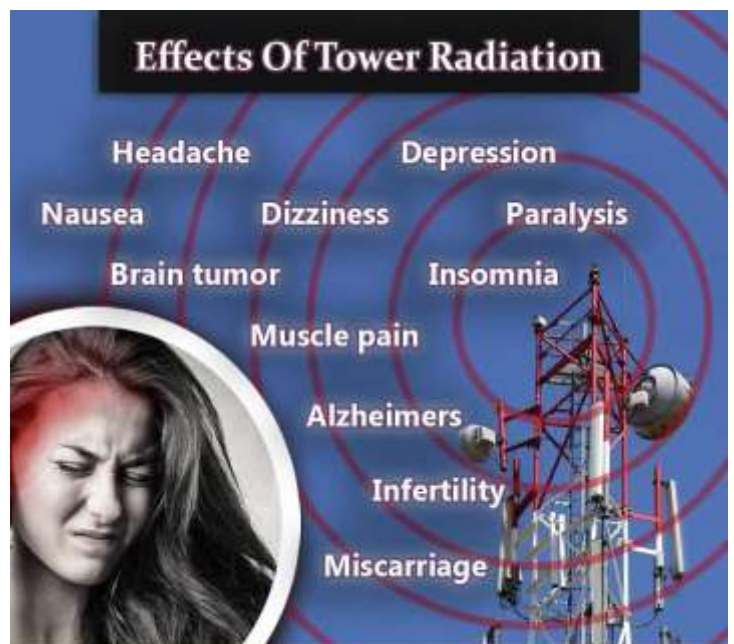
Trent University Professor Emerita, explains this problem: "*Unfortunately, the preeminent body for health at the federal level is Health Canada. Provincial Health Ministries defer to Health Canada when it*



comes to the health effects of non-ionizing radiation. But Health Canada is not doing its job and hasn't been doing its job for more than two decades. When government fails to do its job, we begin to experience a form of societal disintegration. When one segment of society becomes too powerful, we experience conflict and our freedom is compromised. When

industry dictates medical procedure and the training of doctors, we are in deep trouble. And, unfortunately all three are happening in Canada and in many other parts of the world^{10a}." We are at the beginning of one of [the largest experiments ever conducted on this planet^{10b}](#).

Medical evidence shows cumulative exposures to the soup [of invisible, odorless, and silent electro-smog^{11a}](#) in our work, home, and outdoor environments has



definite biological effects. [Microwave Sickness and EMF injury](#)^{11b} affect at least 30% of the population. (See: [Electro-sensitivity](#)^{11c} and [We Are the Evidence](#)^{11d}.) These numbers will only rise in places where 5G is rolled out.

As if this weren't bad enough, [5G is an energy hog](#)^{12a}. In fact, because 5G towers consume so much energy – [China puts some of them to sleep overnight](#)^{12b}. Between 2012 and 2015 there was a 460% increase in energy consumption due to the wireless cloud. A further increase of total network energy [consumption by 150 to 170 per cent](#) is expected by 2026^{12c}.

Furthermore 5G will be providing a fraction of the internet speed that would be possible with [fiber optic cable](#)^{13a}. Dafna Tachover concludes her article "[Washington Post Is Right That 5G Is a Lie, But Wrong About the Reason](#)^{13b}", stating: *“Even people within the telecom industry and top-tier media are starting to suspect that the 5G hype is nothing but a lie. ... perhaps even 'a scam perpetrated by an industry desperate for growth.' ... Reducing downloads speeds would not pay for an infrastructure that costs hundreds of billions of dollars a year. What will pay for it is data. ... the data collected will be used primarily for artificial intelligence, surveillance and creating the next version of 'humans' — beings that are part human and part machine ... The promise of increased speed with 5G is a 'false hype'^{13c} that is meant to divert consumers' attention away from our Orwellian reality. It keeps our eyes fixed on our phones and obsessed with buying even more wireless gadgets, which began as a sophisticated marketing strategy purposely called 'smart' while instead making us dumb.”*

Increased exposures are likely to augment already established [harms to bees, trees and birds](#) caused by EMFs^{14a}. As [Olga Sheehan](#) says in her call out of World Health Organization



corruption, these technologies are literally [costing us the earth](#)^{14b}.

[The danger of 5G is no exaggeration](#)^{15a}. The direct radio and microwave frequencies these antennae will be [modulating and pulsating at close range](#)^{15b} will be many times higher than current exposures. We can all exercise precautions when using existing technology, and recommendations for safe use can be found [on our website](#)¹⁶. However, we will NOT be able to escape the 24 hour a day microwave exposure once these small cells are installed.



It is no secret that the telecom industry is a multi trillion-dollar industry, primarily responsible to their shareholders. The Canadian government itself gains billions from the auction of radio frequencies. Canada has one of [WORST Safety guidelines worldwide](#)^{17a}. We are here to tell you that the guidelines **evasively** cited by the FCC and [Canada's Safety Code 6](#)^{17b}, have never protected you, and that [Italy, Russia and China](#)^{17c} and [Switzerland](#)^{17d}, for instance, provide their citizens with protection [100 times greater than ours](#)^{17e}.

Unless ordinary citizens and municipal leaders stand up and inform themselves via unbiased and uncaptured sources, nothing changes and we position ourselves as complicit. As a

governing body you CAN declare a moratorium on 5G until this technology is proven safe. [Six Canadian municipalities](#)^{18a} already have as have hundreds of others around the world, [including some entire nations](#)^{18b}.

Thank you for your attention and let us know how we can help.

Dr. Martin Pall: “Putting in tens of millions of 5G antennae without a single biological test of safety has got to be about the stupidest idea anyone has had in the history of the world.”



“The deployment of 5G constitutes an experiment on humanity and the environment that is defined as a crime under international law”¹⁹

[See more resources below](#)

These and more are on our website, where we provide a wide overview of 5G research, interviews, articles and videos, as well as personal safety tips and solutions.

saynoto5g.ca

Suggest ‘best’ document to get started:

[New Hampshire State Report on Health and Environmental Effects of 5G and Wireless Radiation/](#)

15 Recommendations Include Reducing Public Exposure to Wireless, Radiation Measurements, Reducing Radiation from Cell Phones and Protection of Trees and Bees.

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