

DATE

Dear [Mayor XXXX/Councillor XXXX](#)

I am writing to express my concern over the anticipated installation of 5G in my community.

The rollout of 5G will result in a massive increase in exposure to radiofrequency (RF) radiation for every child and adult, whether they personally use 5G devices or not.¹ There are no studies on the safety of long-term exposure to RF from 5G – or from 4G. Over 500 recent studies on RF safety² show RF exposure harms plants, wildlife, and insects as well as humans.³ Scientists and doctors around the world are warning of its health risks⁴, which include cancer, heart disease, diabetes, infertility, memory loss, and sleep disorders.

In addition, wireless technology uses far more energy than wired tech does. One of the purposes of 5G is to gather huge amounts of data from every wireless device through the internet of things. To do this, massive amounts of energy are required. Dr. Devra Davis, among others, warns this new technology will consume 1000 times more energy than is used by current wireless networks, making it a key contributor to global climate change.⁵

5G and the wireless world it supports pose serious security and privacy issues. In the US, telecoms have been selling data to anyone, even bounty hunters. In 2018, a security researcher said that data from a California-based tech firm could have been used to track mobile consumers within a few hundred yards of their location without their consent.⁶

As 80% of cellular data is used indoors, placing microcells every 100-200 meters along our streets, right by our homes, to improve mobile internet access makes no sense. Wiring fiber to the premises offers the safest, fastest and most cyber-secure method for connecting to the Internet. New inroads in fiber make it 20 times faster than wireless 5G⁷ and wired fiber can fulfill most of the smart city functions we are promised by wireless 5G, without the risks.

It is incumbent on you, [Mayor XXXX/Councillor XXXX](#) to protect the safety of citizens above the interests of telecoms. I urge you to act now to keep 4G and 5G network antennas away from our homes, schools, workplaces and hospitals. To start, I suggest Council follow the example of the town of Sutton, Quebec⁸ and ask our federal government to place a moratorium on the rollout of 5G until independent science proves it is safe.

Please let me know what actions you can and are willing to take in this critical matter,

With Thanks,

YOUR NAME

ADDRESS

EMAIL AND PHONE NUMBER

¹ February 4, 2020 Radio-Canada interview with Dr. Anthony Miller. <https://www.rcinet.ca/en/2020/02/04/5g-in-the-rush-to-the-internet-of-things-is-human-health-at-risk/>

² Wireless Radiation and EMF Studies Published since August, 2016 Joel M. Moskowitz, Ph.D. School of Public Health University of California, Berkeley, Jan 16, 2019 <http://cqlpe.ca/pdf/500etudesprobantes.pdf>

³ See <https://ehtrust.org/science/bees-butterflies-wildlife-research-electromagnetic-fields-environment/>

⁴ See <https://emfscientist.org/>

⁵ See <https://thecalm.ca/wp-content/uploads/2020/01/5G-and-Climate-Change-Flyer-EHT.pdf>

⁶ See <https://www.nytimes.com/reuters/2020/02/01/technology/31reuters-usa-mobile-privacy.html>

⁷ See <https://thecalm.ca/wp-content/uploads/2020/01/A-Fiber-Optic-Breakthrough-Could-Beat-5G.pdf>

⁸ See <https://www.stopponsla5g.ca/post/premi%C3%A8re-r%C3%A9solution-au-canada-r%C3%A9clamant-un-moratoire-sur-la-5g>