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Re: Recommendation to the Pembina Trails Trustees and CEO that the proposed Rogers cell tower at 523 Harstone Road be located at least 500 metres from any schools or daycare

March 11, 2021

Dear: Trustee Glenat, Trustee Melnyk, Trustee Zuk, Trustee Billingham, Trustee T. Johnson, Trustee D. Johnson, Trustee Fisher, Trustee Nachtigall, Trustee McMillan and Superintendent Fransen

This letter is being written in support of residents, including concerned parents of young children, living in the Charleswood area to have the proposed Rogers cell tower at 523 Harstone Road be moved at least 500 metres away from schools and daycares.

I strongly urge you, based on the latest scientific evidence published in peer-reviewed literature and from the clinical experience of medical doctors who regularly see patients with electrosensitivity, to request the City of Winnipeg to write a letter of non-concurrence for this installation and convey your non-approval to Rogers. If this installation goes ahead, it is highly likely that the health of students and staff will be adversely affected.

I have spent my 35+ year career entirely in the technology industry. In my previous role as President of Microsoft Canada, I witnessed the incredible benefits that technology can provide. I also witnessed the potential harmful effects if technology is not implemented correctly. I have invested a significant amount of time researching and talking with experts and now understand the harmful effects to human health that wireless radiation can have.

Nine years ago, when I realized that the improper use of radiofrequency/microwave radiation technology could adversely impact a large proportion of the population with resulting enormous costs to health care, I co-founded Canadians for Safe Technology (C4ST). C4ST is a national, not-for-profit organization that is concerned with the health and safety risks of unsafe wireless technology. We are a volunteer-based, national, coalition of parents, citizens and experts whose mission is to educate and inform Canadians and policy makers about the dangers of the exposures to unsafe levels of radiation from technology and to work with all levels of government to create healthier communities for children and families.

Reasons for the recommendation: potential harm to the health of students and staff

- Evidence from peer-reviewed literature can be found on the Physicians for Safe Technology website,¹ C4ST's website² and TechSafeSchools website.³
- Miller et al. (2018)⁴ present the science for upgrading wireless radiation such as that from cell tower antennas to a Group 1, known carcinogen classification by the World Health Organization's International Agency for Research on Cancer.
- The USA National Toxicology program, National Institutes of Health. \$30 million study found **clear evidence of cancer** in a large scale animal study.^{5 6 7}
- The Italian Ramazzini Institute duplicated these findings of cancer from exposure to radiofrequency radiation at cell tower emission levels.⁸
- The Switzerland BERENIS report has identified the likely mechanism of damage from radiofrequency non-ionizing radiation (at one time it was thought that the energies from NIR could not damage DNA).⁹
- There are over 30 studies showing DNA damage at below Health Canada's Safety Code 6 (2015) limits.¹⁰
- Other studies have been collated by C4ST¹¹ and were featured in the CBC TV program "The Secret Inside your Cell Phone" (Wendy Mesley).¹²
- **Note that Health Canada's safety Code 6 (2015) has not been updated to include any of the above listed evidence.**¹³
- C4ST recently contributed to an appeal for safe technology which provides the sound science upon which our concerns are based. The Appeal includes 5G technologies. The proposed tower is just one of many being installed across Canada to support 5G. See: "Urgent Appeal to the Government of Canada to Suspend 5G and Choose Fibre Optic Connections"¹⁴, "Supplemental Materials"¹⁵, "Engaging MP about 5G" and "C4ST Fact-checks Government of Canada Webpages Regarding Health Risks and Wireless Technologies, including 5G."¹⁶
- US State of New Hampshire report.¹⁷ I, along with medical and scientific experts, presented at the hearings. The recommendations are ones I hope you will incorporate in your school division.
- Recommendations of the Canadian House of Commons Standing Committee of Health (HESA).¹⁸ This was passed unanimously by an all party committee. Health Canada has not done anything substantive in implementing the recommendations.
- Due diligence is recommended. See this recent Dutch court decision: "Health Impact of Cell Tower Cannot Be Excluded".¹⁹
- Medical doctors and other experts:

Two recent medical conferences on the issue of health impacts of wireless radiation. Both offered Continuing Education (CME) credits for MDs.^{20 21}

- Wired connections over wireless is always the better option²².

A 2018 paper I co-authored on radiofrequency radiation and healthy buildings provides an overview including comments on insurance companies being averse to insuring against harm from electromagnetic fields such as that emitted from wireless devices and equipment such as cell antennas.²³

Please contact me if you have any questions. Please also reply so that I know you have received this letter.

Sincerely,



Frank Clegg
CEO, Canadians for Safe Technology (C4ST)
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cc:

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-Manitobans for Safe Technology (M4ST)- manitobans4ST@gmail.com

References:

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- ¹³ 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), 24. 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
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