

# Opposition to TELUS Communication Tower BC106547

Cochrane Road Delegation

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# Goals



200 SCIENTIFIC STUDIES REPORTING POTENTIAL HARM AT NON-THERMAL LEVELS  
BELOW SAFETY CODE 6 EXPOSURE LIMITS

To identify the role of the RDN in this new matter

To show the actual location of the proposed tower and its proximity to residents, families, children, schools and day care.

To review the international response from insurers of telecommunication providers

To look at the consent process and establish the definition of informed consent

To enter documents that identify health and safety concerns

Request to the RDN

# Executive Summary-A New Matter

- If recent events have shown us anything, it is that our health is what matters most, protection of the young, the old and the vulnerable and the marginalized are high in our minds as we process the effects of Covid 19 on every aspect of our lives and environment. It is clear that late responses to early warnings of potential harm are costly ... and we need the Internet!
- We rely on our paid public servants as government to ensure our safety. To date, Health Canada and other Ministries have let us down.
- *The RDN has not completed its due diligence and the representation from both the consultant, Mr. B Gregg, retained by TELUS to locate appropriate space or look at fibre optic solutions and the RDN Director for area H, Mr. S. Mclean, was incomplete, misleading and inaccurate. We ask that they be held accountable for their lack of diligence, inaccurate and absent sharing of information specifically related to the effect of long term exposure to radiofrequency radiation (RF), and in addition to this matter, we consider that identifying who is 'for and against' is based on wholly insufficient and woefully inaccurate and misleading information, that this lack of informed consent infringes on their human rights as the RDN has, based on a 15 minute presentation, disregarded the health of the residents directly underneath the proposed tower.*
- The telecommunications industry is rushing to deploy 5G across Canada, with no prior health and environmental impact assessment, without fully understanding the economic consequences, and without informed consent.
- Full 5G rollout will require the installation of hundreds of thousands<sup>1</sup> of new antennas throughout the country on cell towers, hydro poles, lamp posts, buildings and other structures, often within a few metres of where we live and work.
- Canadians are largely unaware of the risks of chronic exposure to radiofrequency (RF) radiation emitted by cell tower antennas, small cell antennas, cellphones,<sup>2</sup> cordless phones, and Wi-Fi and Bluetooth devices such as tablets, laptops, baby monitors, wireless printers/keyboards/mice, gaming consoles, virtual reality headsets, wearables, "smart" appliances, and utility meters.
- RF radiation is scientifically demonstrated to cause or contribute to numerous health effects, including cancers, sperm damage, reproductive harms, learning and memory deficits, and neurodegenerative, cellular and genetic damage.
- We urge the RDN 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.

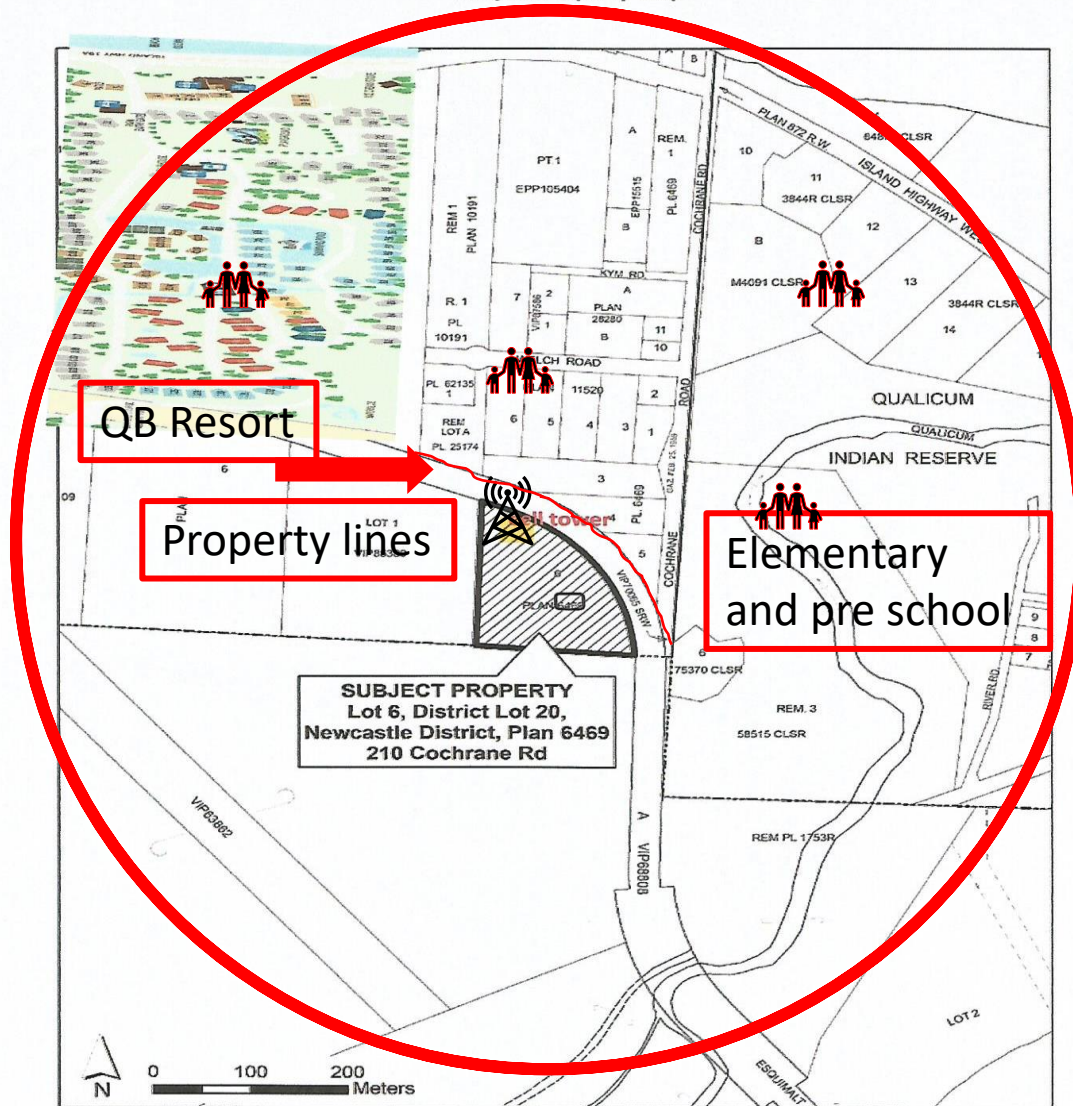


# Public Servants

- **Public servants are expected to do the right thing** – even when it's not easy. They uphold the highest professional and ethical standards because they understand the high expectations the public has for their work.
- **Each public servant takes an Oath of Employment.** Each time they take the Oath, they're reminded of the duties, powers and trusts that are placed in public servants.
- As part of the Oath, public servants swear not just to do their job but to:
  - Serve ethically and with integrity, loyalty, impartiality, and objectivity
  - Put the interests of the public and the public service ahead of their own personal interests
  - Maintain and enhance the public's trust and confidence in the public service
- These commitments make sure that our actions are impartial, objective and beyond reproach.
- In situations where the standards are not being met, [make a public interest disclosure](#) about serious wrongdoing.



Attachment 1  
Subject Property Map

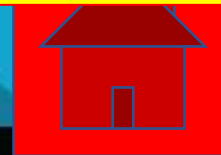


- Map showing location of the 207 feet or 63 metre cell tower and proximity to residences both on and off the Qualicum First Nations Land and Qualicum Bay Resort
- The circle represents a 631 metre radius required for public consultation based on the evidence based data showing that within 500 metres of a cell tower the effects on carbon based life forms is detrimental
- The residents in this direct area are against the tower
- The red line shows the proximity to our homes
- There are elementary and preschools in this area, young families, and vulnerable adults

Scale of  
tower  
207 feet-  
63 metres

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Actual proximity of homes  
to base of tower

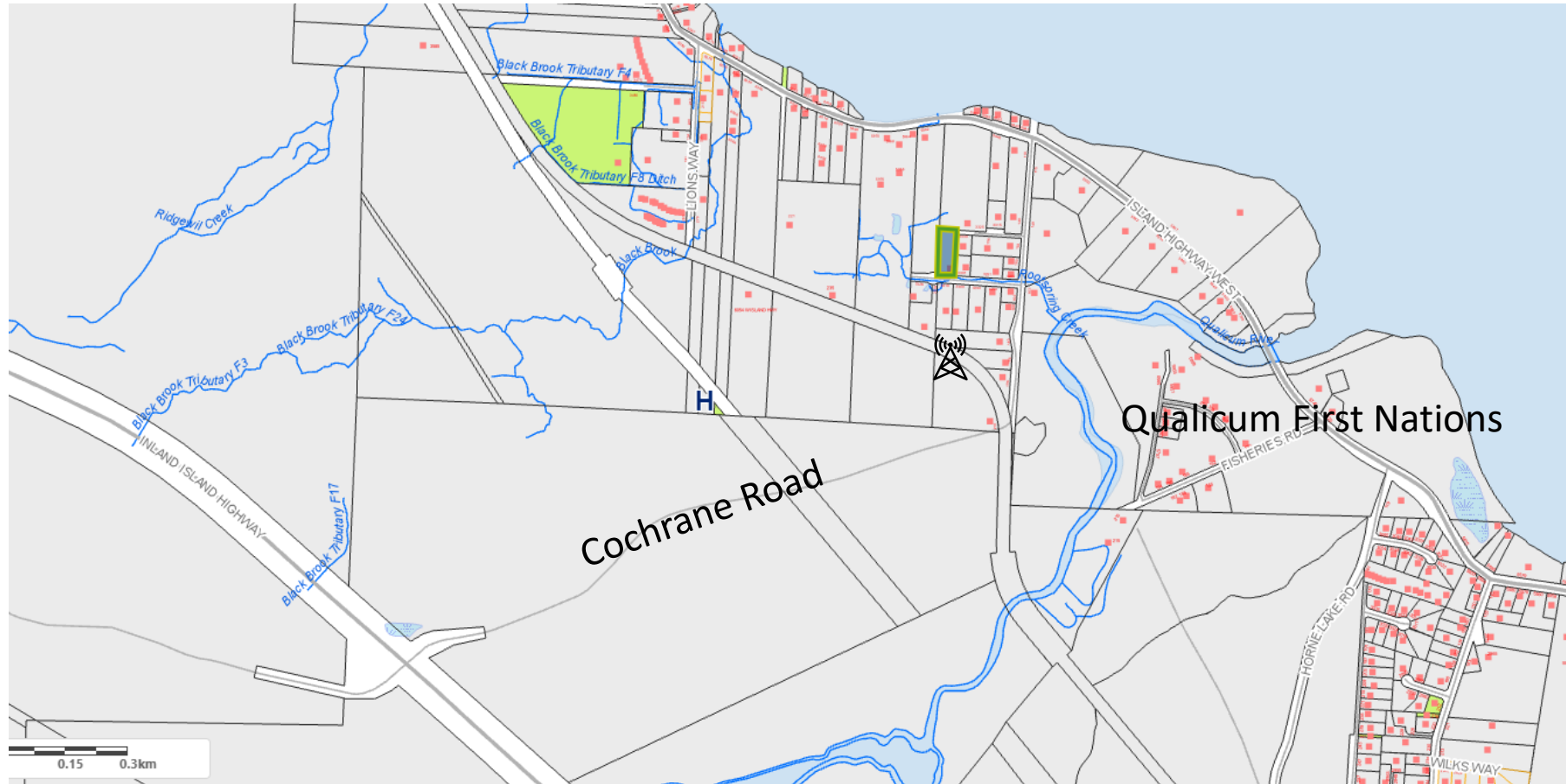


136 feet

207  
feet



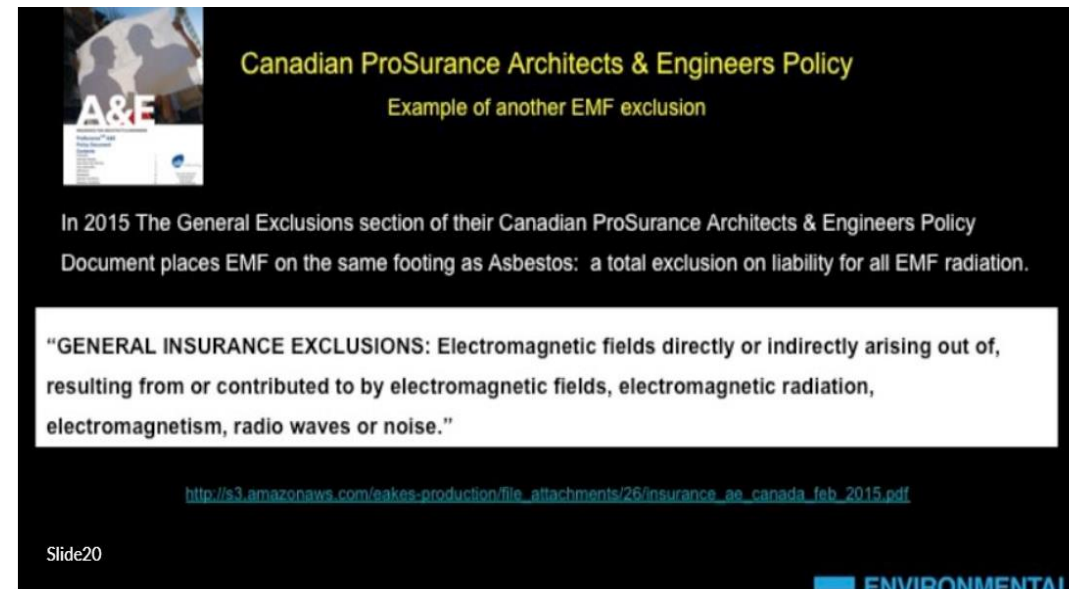
# Map showing multiple other options for safer location of tower



“Contingent liabilities that arise from the threat of litigation for telecommunication service providers are one of the major investment risks. So much so that telco companies could be the next wave of ‘sin stocks’.”

In 2020 TELUS reported a profit of \$3.7 billion increased by 3.6 per cent over the same period a year ago. The costs of contained exploration of a tower location can easily be born by this organization.

- [Business Insurance: Insurers exclude risks associated with electromagnetic radiation](#)
- [Examiner.com: Lloyds of London and the smart meter exclusion](#)
- [Risk Management: The Broadening Scope of Pollution Legal Liability Insurance](#)



The slide features a black background with yellow and white text. In the top left corner, there is a small image of a document with the letters 'A&E' and a globe. The main title is 'Canadian ProSurance Architects & Engineers Policy' in yellow, followed by the subtitle 'Example of another EMF exclusion' in white. The body text, in white, states: 'In 2015 The General Exclusions section of their Canadian ProSurance Architects & Engineers Policy Document places EMF on the same footing as Asbestos: a total exclusion on liability for all EMF radiation.' Below this, a white box contains the text: '“GENERAL INSURANCE EXCLUSIONS: Electromagnetic fields directly or indirectly arising out of, resulting from or contributed to by electromagnetic fields, electromagnetic radiation, electromagnetism, radio waves or noise.”' At the bottom, a URL is provided: [http://s3.amazonaws.com/eakes-production/file\\_attachments/26/insurance\\_ae\\_canada\\_feb\\_2015.pdf](http://s3.amazonaws.com/eakes-production/file_attachments/26/insurance_ae_canada_feb_2015.pdf). The slide is labeled 'Slide20' in the bottom left and has a blue 'ENVIRONMENTAL' logo in the bottom right.

Canadian ProSurance Architects & Engineers Policy  
Example of another EMF exclusion

In 2015 The General Exclusions section of their Canadian ProSurance Architects & Engineers Policy Document places EMF on the same footing as Asbestos: a total exclusion on liability for all EMF radiation.

“GENERAL INSURANCE EXCLUSIONS: Electromagnetic fields directly or indirectly arising out of, resulting from or contributed to by electromagnetic fields, electromagnetic radiation, electromagnetism, radio waves or noise.”

[http://s3.amazonaws.com/eakes-production/file\\_attachments/26/insurance\\_ae\\_canada\\_feb\\_2015.pdf](http://s3.amazonaws.com/eakes-production/file_attachments/26/insurance_ae_canada_feb_2015.pdf)

Slide20

ENVIRONMENTAL



# Informed Consent-Definition

- The person must have the capacity to consent.
  - The provider must disclose information about the matter, including the intended benefits and risks and the likelihood or probability that the benefits and risks will occur
  - The person must understand the relevant information
  - This consent must not occur under duress
- This question forms the premise of the consultation by Gregg and supported by Mclean  
'do you want better cell service?'
  - This is not the only question, but it is essentially the only one asked.
  - The lack of information related to the effects of EMF has created a biased and unbalanced response
  - This is not public consultation this is railroading, it is divisive, exclusive and dishonest
  - The RDN has not been diligent in upholding its mandate to provide governance and information sharing
  - The lack of information related to this offered by our public servants is unacceptable
  - We have canvassed the local residents, of the immediate 23 families 17 are in opposition
  - There is agreement that increased accessibility of telecommunications is acceptable
  - No resident was able to identify the effect of radio frequency radiation, the options or other concerns but are aware that EMF is a health issue
  - Understanding the issue is complex, complicated, requires time, effort and understanding as no reasonable efforts were made by either TELUS or the RDN to counter, request information or build knowledge so risk can be mitigated
  - No resident has received information to inform their response to a loaded, un informed, question.



## Safety Code 6

<https://c4st.org/safety-code-6/>

### CANADA'S SAFETY CODE 6 IS AMONG THE COUNTRIES WITH THE WORST GUIDELINES IN THE WORLD.

China, Russia, Italy and Switzerland have wireless radiation safety limits Dr. Devra Davis, team member Nobel Prize with Al Gore re climate change (10)

- Damaged and reduced sperm (11), (12)
- ADHD-like symptoms in offspring when pregnant mice exposed to cell phones (13)
- Co-author "The underestimation of cell phone radiation, especially in children" (14)
- Dr. Anthony Miller, visiting senior scientist World Health Org., U. of Toronto (15)
- Links to brain cancer referencing Swedish and French studies (16), (17), (18)
- Overview of recent information re breast cancer (19)

Dr. Riina Bray, Women's College Hospital, Dr. Magda Havas, Trent Univ. (20), (21)

- Electrosensitivity can affect 3% of the population in the short term and up to 30% in the long term (22)

Dr. Martin Blank Columbia University (23)

- Proof of DNA damage (24), (25)

Dr. Martha Herbert Ph.D., M.D. Harvard Medical School (26)

- Links to autism (27), (28)

Dr. Meg Sears, Children's Hospital of Eastern Ontario, Ottawa Hospital Research Institute (29)

- Health Canada's recent review of Safety Code 6 fails all major criteria for the evaluation of scientific evidence based on international best practices (30)

100 times safer than Canada. (3)

40% of the world's population lives in countries with codes safer than Canada.

Industry Canada does not measure for the multi-hour, multi-day exposure of today's environment; nor the cumulative effects from multiple devices

Manufacturers have safety warnings that are buried in cell phones and tablets (4)

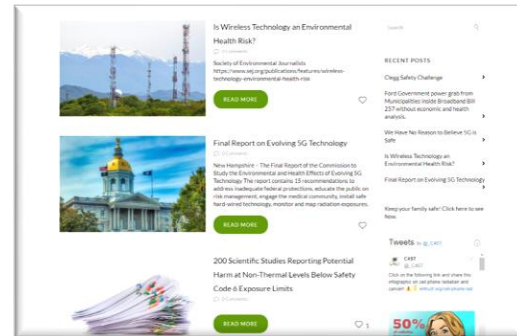
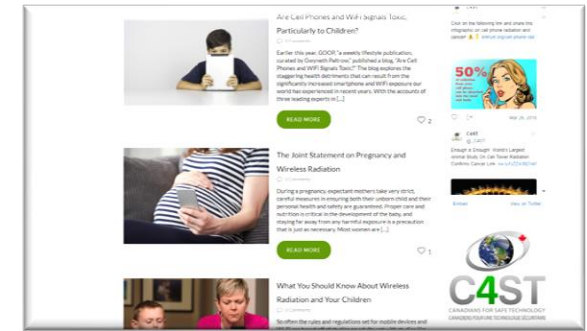
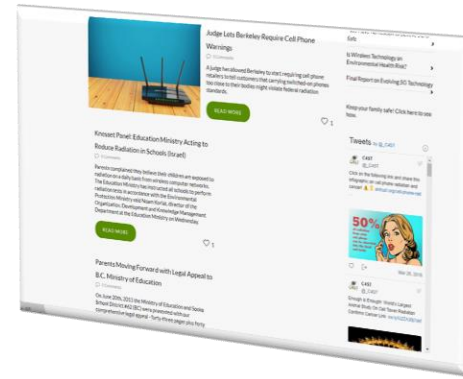
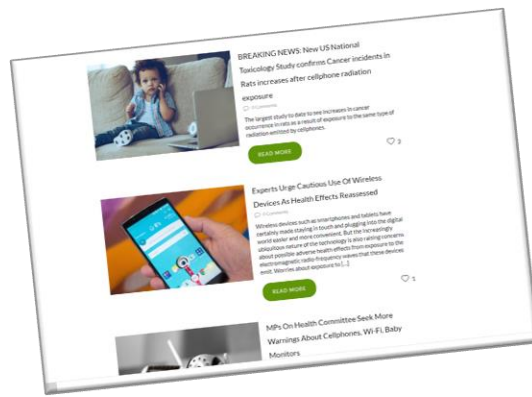
Over 50 Canadian MD's and international scientists signed declarations stating that the current levels of Safety Code 6 do not protect Canadians (5), (6)

### CANADA ADMITS STUDIES SHOW HARM AT LEVELS BELOW SAFETY CODE 6

Mr. Andrew Adams, Health Canada: In testimony before the Parliamentary Health Committee admitted there quality for inclusion in the Risk Assessment" in the following categories:"

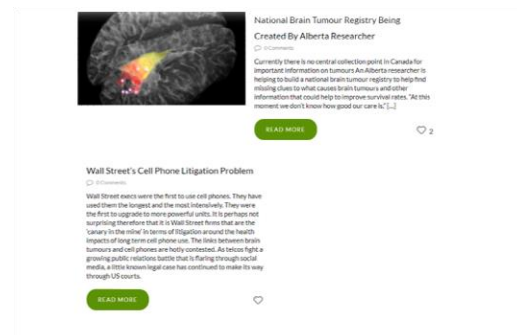
- Cancer is linked in 6 studies,
- Brain/nervous system impacts in 13,
- Biochemical disruption in 16 and
- Development and/or learning behaviour impacts in 7. (2)

All requests for a public disclosure of the Weight of Evidence criteria used to dismiss these studies have been ignored by Health Canada



Documents that identify health and safety concerns

<https://c4st.org/>





Documents  
that identify  
health and  
safety  
concerns

<https://www.appel5gappeal.ca/eng/fact-checker.php>

We request that the RDN be part of the solution and work directly with telecommunications providers to ensure accountability, transparency and progressive solution building and ensure all residents of the areas directly under their electoral control can have Internet access that is safe, fast, reliable, resilient, secure, affordable and, in the long-term, the most environmentally and economically sound for all:

We ask that the RDN demonstrate leadership in the investigation of all issues connected to this new matter and work with local, provincial, federal and international partners and advisors to be the first in BC to address the established grievances against the telecommunications companies and for the people you serve.

Access that is safe, fast, reliable, resilient, economically sound for Canada

1. **Require all telecommunications providers to provide fibre to the premises (FTTP)** that can connect to wireline equipment in the premises, and to not replace existing wired telephone and Internet services with wireless;
2. **Invest in wired technologies, instead of wireless and satellite options,** to expand high-speed Internet in communities underserved by the private sector across Canada;
3. **Complete an economic analysis, by the end of 2021, of the incremental revenue from 5G versus the total potential economic burden.** This would include, but not be limited to: increased healthcare costs; lost productivity arising from adverse health effects; security and privacy breaches; damage to the environment; and risks to safety and property including those resulting from degraded weather forecast accuracy;
4. **Immediately suspend the installation of new antennas,** especially “small cell” antennas near homes, hospitals, schools, public buildings and sensitive wildlife habitats, until safety guidelines have been appropriately revised and implemented, and until the total economic implications are understood;
5. **Immediately suspend the auctioning and transferring of all spectrum licences,** until safety guidelines have been appropriately revised and implemented, and until the total economic implications are understood;