DELEGATION REQUEST

Names of persons speaking: Hilary Jones and others, tbc

Contact name: Hilary Jones

Subject matter:
Proposed cell / communication structures on Dove Creek Road (Area C)+ Ellenor Road (Area B). I want to be sure to be a delegate at the same meeting that the towers are discussed and that Sitepath Consulting, Brian Gregg is present at (as a delegate). This is very important. The meeting date that this topic will be discussed at is still tbc, so please move forward my delegate application as needed. Jan 30 is noted below but hasn't been confirmed as the meeting date that these proposed towers will be discussed.

Specific request of the regional district, if any (i.e. letter of support, funding)
A request for the CVRD EASC and CVRD Chair to NOT grant a letter of concurrence for these two proposed towers (Dove Creek Rd and Ellenor Rd).

Requested meeting date: Mon, 01/30/2023

Audio-visual equipment needed: Projector / computer for a power point presentation

PRESENTATION TO THE COMOX VALLEY REGIONAL DISTRICT (CVRD) ELECTORAL AREAS SERVICES COMMITTEE (EASC) + CVRD CHAIR

VISTA PRESENTATION REFERENCES

RE PROPOSED: 43 METER TELECOMMUNICATIONS TOWER ON 1388 ELLENOR ROAD, CVRD AREA B

PRESENTED ON MARCH 6, 2023 BY HILARY JONES, MEMBER OF
VANCOUVER ISLAND SAFE TECH ALLIANCE (VISTA)

THE AGRICULTURAL LAND COMMISSION ACT (ALCA)

The Agricultural Land Commission Act (ALC Act) governs the use of agricultural land in BC and takes precedence "over other legislation and bylaws that may apply to the land", and local and regional governments are expected to operate "in accordance with [this] provincial policy of preserving agricultural land."

Cell towers are NOT permitted Non-Farm Use for ALR Land under the Agricultural Land Reserve Use Regulation. Telus has made a claim that cell towers are exempt – for the past two weeks, we have been trying to confirm this information with the Policy Director of the Agricultural Land Commission, but so far we have not been provided with proof to support this claim.

While Innovation Science and Economic Development (ISED), formally Industry Canada, may have final approval power over the siting of cell towers in Canada, local provincial public officials cannot abdicate their responsibility to uphold and adhere to provincial legislation designed to prioritize and protect farming in the Agricultural Land Reserve (ALR). Section 6 of the ALC Act lays out the purpose of the Agricultural Land Commission

https://www.alc.gov.bc.ca/application-and-notice-process/applications/what-the-commission-considers/

Purposes of the Commission
6 (1) The following are the purposes of the commission:

1. **to preserve agricultural land;** ….

(2) The commission, to fulfill its purposes under subsection (1), must give priority to protecting and enhancing all of the following in exercising its powers and performing its duties under this Act:

- the size, integrity and continuity of the land base of the agricultural land reserve;
- the **use of the agricultural land reserve for farm use.**

Recent correspondence from both the ISED Operations Manager, STS-Western Region and ISED Minister's office state that ISED "recognizes the need to have a collaborative and consultative policy with respect to antenna-supporting structures" because municipalities are the ones directly impacted by these towers sited in their communities. As a result, ISED procedures "allow municipalities to define their own antenna siting procedures and make informed decisions in regards to providing concurrence for the proposed tower." When asked about impacts of RF-EMR to wildlife and the environments, ISED deferred to provincial and municipal authorities, stating "As such, any questions or concerns regarding specific proposed antenna structures and their impact on local wildlife and vegetation, should be directed to your local land-use authority (municipality) and, if applicable, the Provincial Agricultural Land Commission." This looks like clear confirmation from the federal regulatory authority that the province and municipality have more authority over the siting of towers than we, the public, have been led to believe.

Again, while ISED may have the final approval power, we understand from the experience of other communities that ISED usually does not become involved unless there is a stalemate in this process. A home-grown solution that takes into account the environment and the people who will ultimately be impacted is preferable to one that is decided by an outside entity.

Of further concern is that fact that once a tower has been placed and is operating, cell tower emission is not regularly monitored by ISED; it is up to the Telecommunication Companies to monitor themselves. This represents a huge conflict of interest. As neither ISED nor Health Canada are here with us, know our community or respect our concerns, we ask the CVRD EASC, Board and Council to take our concerns very seriously. Please apply the Precautionary Principle and write a letter of non-concurrence to both Telus and ISED. Protect the people, the pollinators, the environment, local food production and agriculture.

WIRELESS ENVIRO IMPACTS https://wirelessenviroimpacts.science

Canada's best website with the scientific studies on environmental impacts of wireless radiation (e.g, from cell tower antennas) on wildlife, including birds, bees and trees. A landmark **three part 2021 research review on effects to wildlife (including bees**) published in Reviews on Environmental Health by U.S experts journalist Blake Levitt, Dr. Henry Lai and former U.S. Fish and Wildlife senior biologist Albert Manville state current science should trigger urgent regulatory action citing more than **1,200 scientific**

references which **found adverse biological effects to wildlife** from even very low intensities of non ionizing radiation with findings of impacts to orientation and migration, reproduction, mating, nest, den building and survivorship. This 150-page report has more than 1,200 references (Levitt et al., 2021a, Levitt et al., 2021b, Levitt et al., 2021c).

Levitt, Lai, Manville (2021) **Effects of non-ionizing electromagnetic fields on flora and fauna, Part 3. Exposure standards, public policy, laws, and future directions.** Rev Environ Health. 2021 Sep 27. https://pubmed.ncbi.nlm.nih.gov/34563106/

T**he Comox Valley Agricultural Plan (2002)** - Phase 2 states the following purpose: "To further the development of socially, culturally, environmentally and economically sustainable farming." creates a justification for putting a source of RF-EMF pollution in the ALR. Agricultural land is not only important for food production for human consumption. ALR land, especially land that is not being actively farmed, also provides critical habitat for preserving insect and wildlife biodiversity—and this has benefits for agriculture. For one thing, healthy biodiversity helps maintain the ecological balance that keeps predators and pests in check. Other immeasurable benefits to farmers and ranchers" of biodiversity are listed on www2.gov.bc.ca

IMPORTANT FACT: Pollinators and biodiversity are critical to food production and agriculture.

The **CVRD's Telecommunication Antenna System Application and Consultation Process Policy (P89)** states that the CVRD, as the local Land Use Authority, has the power to issue a statement of concurrence or non-concurrence for these proposed cell towers and that this decision is based on 3 considerations: "the land use compatibility of the antenna structure, the responses of the affected residents, and the Proponent's adherence to [the P89} protocol."
Section 1 (b) of P89 provides guidance on which locations are discouraged for cell tower siting ….
…. iv. Ecologically important parklands and parklands where migratory and resident birds are known to congregate; …. … vi. Agricultural areas, unless the Telecommunication Antenna System and associated identified (some wording missing); and, vii. Within an area of prime agricultural land as defined by the Agricultural Land Commission (e.g. Soil Class rating)

IMPORTANT FACT: There are migratory birds that frequent this area of land

Per **TELUS Public Notification Package dated Oct 14, 2022 page 1:**
Notification - TELUS will notify area property owners and occupants at least two weeks and not more than four weeks in advance of the public information meeting within the radius as described in CVRD Bylaw No. 328--a 500 m notification radius from the subject property lot line in this instance. As noted above, TELUS will also notify the community regarding the proposed development in two (2) consecutive issues of the Comox Valley Record on October 19th and October 26th, 2022.

IMPORTANT FACT: We polled the neighbourhood (that live within a 500 meter radius) and found many people did not receive the public notification package – see presentation attachment.

Per **TELUS Public Notification Package dated Oct 14, 2022 page 2: Site Details**

1. Purpose - The purpose of the proposed tower is to expand TELUS' wireless coverage and to provide access to dependable wireless high-speed internet services in the Little River community. Currently, there are no suitable existing antenna support structures or other feasible structures that can be utilized and, as a result, a new tower is required. The tower, if constructed, will provide improved wireless connectivity in terms of reliability and speed for those in the vicinity of the facility.

QUESTION: Where is this report the proves this claim? Can it be made available to the public and the residents? Fibre optics cables have been installed throughout Comox, including near Anderton and Ryan Road. It's only a matter of time before it continues along Anderton towards Ellenor Road. We met people who had good cell coverage with another provider (Rogers)

5. Environment - TELUS confirms that the installation is excluded from environmental assessment under the Impact Assessment Act.

QUESTION: Where does this exclusion occur in writing to confirm that claim? We have asked and looked and cannot find any such exclusion under the Impact Assessment Act.

10. Co-Location - TELUS will consider all applications for tower sharing and co-location in accordance with ISED protocols.

QUESTION: Where is this report of consideration for tower sharing and co-location to confirm this claim? Can it be made available to the public and the residents?

LIABILITY AND INSURANCE

Corporate Investor Warnings
https://ehtrust.org/key-issues/corporate-company-investor-warnings-annual-reports-10k-filings-cell-phone-radiation-risks/

> "If **radio frequency emissions from wireless handsets or equipment** on our communications infrastructure **are demonstrated to cause negative health effects**, potential future claims could adversely affect our operations, costs or revenues. The potential connection between radio frequency emissions and certain negative health effects, including some forms of cancer, has been the subject of substantial study by the scientific community in recent years. **We cannot guarantee that claims relating to radio frequency emissions will not arise in the future or that the results of such studies will not be adverse to us**. Public perception of possible health risks associated with cellular or other wireless connectivity services may slow or diminish the growth of wireless companies, which may in turn slow or diminish our growth. In particular, negative public perception of, and regulations regarding, these perceived health risks may slow or diminish the market acceptance of wireless services. If a connection between radio frequency emissions and possible negative health effects were established, our operations, costs, or revenues may be materially and adversely affected. **We currently do not maintain any significant insurance with respect to these matters**."

Electromagnetic Field Insurance Policy Exclusion Are The Standard
https://ehtrust.org/key-issues/electromagnetic-field-insurance-policy-exclusions/

- Insurers **rank 5G and electromagnetic radiation** as a **"high" risk,** comparing the issue to lead and asbestos. A 2019 Report by Swiss Re Institute, a world leading provider of insurance,42 classifies 5G mobile networks as a "high", "off-the-leash" risk stating, "Existing concerns regarding potential negative health effects from electromagnetic fields (EMF) are only likely to increase. An uptick in liability claims could be a potential long-term consequence" and "[a]s the biological effects of EMF in general and 5G in particular are still being debated, potential claims for health impairments may come with a long latency."
- Due to their understanding of the magnitude of this future financial risk most insurance plans have "electromagnetic field exclusions" applied as the market standard.40 Portland Oregon Public School Insurance41 (Pg 30) states as an example, **"Exclusions: This insurance does not apply to**: Bodily injury, personal injury, advertising injury, or property damage arising directly or indirectly out of, resulting from, **caused or contributed to by electromagnetic radiatio**n, provided that such loss, cost or expense results from or is contributed to by the hazardous properties of electromagnetic radiation."
- US Mobile operators have been **unable to get insurance to cover liabilities related to damages** from long term exposure to radiofrequency emissions for over a decade.

Scientific evidence invalidates health assumptions underlying the FCC and ICNIRP exposure limit determinations for radiofrequency radiation: implications for 5G https://pubmed.ncbi.nlm.nih.gov/36253855/

Evidence for a health risk by RF on humans living around mobile phone base stations: From radiofrequency sickness to cancer https://pubmed.ncbi.nlm.nih.gov/35843283/
https://www.sciencedirect.com/science/article/abs/pii/S0013935122011781?via%3Di hub

> Excerpt: In the current circumstances, it seems that the **scientific experts in the field are very clear about the serious problems** we are facing and have **expressed this through important appeals** (Blank et al., 2015; Hardell and Nyberg, 2020). However, the **media, the responsible organizations (World Health Organization, 2015) and the governments are not transmitting this crucial information to the population, who remain uninformed**. For these reasons, the current situation **will probably end in a crisis** …

Cell Phones Wireless Companies Warn Shareholders About Future Financial Risks From Electromagnetic Radiation
https://ehtrust.org/key-issues/cell-phoneswireless/telecom-insurance-companies-warn-liability-risk-go-key-issues/

Telecom Insurance Companies Warn of Liability Risks with EMF's but not people!
https://ehtrust.org/key-issues/cell-phoneswireless/telecom-insurance-companies-warn-liability-risk-go-key-issues/

Swiss Re said **5G, along with its potential, presents plenty of added risks ranging from new health concerns to cyber exposure worries and political risks.**" Beware of All the Added Risks That 5G Mobile Networks Will Bring: Swiss Re, Carrier Management, 2019

https://ehtrust.org/wireless-companies-warn-shareholders-but-not-people-emfs-are-not-insurable/

A list of Annual Reports by telecommunication companies clearly **shows how companies warn their shareholders but not residents living near cell antennas. Read more here.**

This has happened in Canada also – Shareholders warned … but were the public?
PLEASE ALSO REFER TO THE ATTACHMENT Bell Rogers-Telus Statement giving a warning to their shareholders about potential risks.

Lloyds Insurance does not cover health damage caused by electromagnetic radiation
https://www.jrseco.com/lloyds-insurance-company-does-not-cover-health-damage-caused-by-electromagnetic-radiation/

The Lloyd's of London and its underwriter CFC Underwriting Limited **exclude** any liability coverage for claims, "directly or indirectly arising out of, **resulting from or contributed to by electromagnetic fields, electromagnetic radiation, electromagnetism, radio waves or noise**." (Exclusion 32, page 7) See the full PDF document: INSURANCE FOR ARCHITECTS & ENGINEERS – ProSurance TM A&E Policy Document – Lloyd's 2015 Another of the world's largest insurance companies, **Swiss Re,** has recommended to other insurance companies to write in **exclusion clauses** against paying compensation **for illnesses caused by continuous long-term non-ionising radiation exposure.** The recent Austrian insurance company AUVA report confirms DNA-breaks caused by non-ionising radiation.

AUVA Finds effects of cell phones on DNA, EGG and human proteins
https://www.jrseco.com/major-austrian-insurer-auva-finds-effects-of-cell-phones-on-dna-eeg-and-human-proteins/

Update August 2016: AUVA Athem 2 report: "**DNA damage from cell phones proven**" (Article Diagnose Funk)
On behalf of the major Austrian insurance company AUVA with over 4.3 million policyholders, research was carried out into the health effects of electromagnetic fields from mobile phones at levels well below current exposure limits, which only protect against warming. In the studies on healthy volunteers, the effects of the fields of the GSM-900 and UMTS technology were measured in a double-blind study. The main results are as follows:

- Increasing changes in EEG in the alpha spectrum, from about 5-10 minutes after the start of exposure and until 50 minutes after the end of exposure.
- Exposure to radiation from mobile phones causes a significant change in the rate of protein production.

Both these effects and DNA breaks occurred at low field strengths, where the heat effect (thermal effect) does not play a role. The results of the project are a further confirmation of the existence of non-thermal effects. Download the complete AUVA report entitled "Athem: Untersuchung athermischer Wirkungen elektromagnetischer Felder im Mobilfunkbereich" (in German). English summary of the report.

HEALTH AND SAFETY – ENVIRONMENTAL HARM

Current Environmental Lawsuit in Tahoe involving Telecom + Governing Bodies
Tahoe For Safer Tech – The Problem https://www.tahoeforsafertech.org/problem
Tahoe For Safer Tech – The Science https://www.tahoeforsafertech.org/science

Dr Anthony Miller, MD, Professor Emeritus at the Dalla Lana School of Public Health at the University of Toronto. Dr. Miller to **Toronto Council** www.youtube.com/watch?v=wARxnaxrRKk (4 min)

German and Luxemburg Environmental Organizations Release Report on the Impact of Wireless Communications to Insects
https://www.radiationresearch.org/news/german-and-luxemburg-environmental-organizations-release-report-on-the-impact-of-wireless-communications-to-insects/

> Excerpt: The results show that **EMF could have a serious impact on the vitality of insect populations.** … Field **strengths 100 times below the ICNIRP limits** could already have effects. When planning the expansion of mobile networks, **insect habitats should be protected** from high-intensity EMF exposure already now.

Study by the Swiss Federal Office for the Environment considers the connection between mobile communications and insect mortality to be probable (diagnose-funk.org)

https://www.diagnose-funk.org/aktuelles/artikel-archiv/detail?newsid=1938

In case it opens in German, click on the translate button (using a browser with that option)

Functionality Disorders in Bees, Birds and Humans
https://www.radiationresearch.org/wp-content/uploads/2018/06/021500_warnke.pdf

"High Probability" that cell phone radiation causes brain tumors says 32 year US Government Scientist - CDC and National Toxicology Program - in expert report to court
https://ehtrust.org/high-probability-that-cell-phone-radiation-causes-brain-tumors-says-32-year-us-government-scientist-cdc-and-national-toxicology-program-in-expert-re port-to-court/
EXPERT REPORT
https://ehtrust.org/wp-content/uploads/Expert-report-Christopher- J-Portier-Murray-v-Motorola-3-1-2021-1.pdf

International Association of Fire Fighters (IAFF): Opposes cell tower base station &/or antenna's on fire stations. Cell Tower Radiation Health Effects: https://www.iaff.org/cell-tower-radiation/

> Excerpt: … **IAFF oppose** the use of fire stations as base stations for towers and/or antennas for the conduction of cell phone transmissions **until a study with the highest scientific merit and integrity on health effects of exposure to low-intensity RF/MW radiation is conducted and it is proven that such sitings are not hazardous to the health o**f our members. … There are **established biological effects from exposure to low-level RF/MW radiation**. Such biological effects are recognized as markers of adverse health effects when they arise from exposure to toxic chemicals for example.

APPEALS FROM DOCTORS AND SCIENTISTS

International Appeal: Scientist call for Protection from Non-ionizing Electromagnetic Field Exposure
https://emfscientist.org

> As of January 28, 2023, 258 **EMF scientist from 44 nations and 15 Supporting Scientist from 11 nations have signed the Appeal.**

2020 Consensus Statement of UK and International Medical and Scientific Experts and Practitioners on Health Effects of Non-Ionising Radiation (NIR)
https://phiremedical.org/wp-content/uploads/2020/11/2020-Non-Ionising-Radiation-Consensus-Statement.pdf

International 5G Appeal
http://www.5gappeal.eu

> **Scientists and Doctors call for a moratorium on the roll out of 5G.** 5G will substantially increase exposure to radiofrequency electromagnetic fields **RF-EMF, that has been proven harmful for humans and the environment.**

International Doctors Appeal - Wireless Radiation Poses a Health Risk. Physicians Demand Overdue Precaution!
http://profdrkarlhecht.de/wp-content/uploads/2016/01/International-Doctors-Appeal-2012_oct-1.pdf

NO PROOF THAT LONG TERM EXPOSURE TO 5G IS SAFE

'Will the new proposed tower use 5G technology?' - *Is a question was asked during the public consultation period (in writing) but it not answered by Sitepath Consulting.*
There are ***important 5G studies*** *starting to emerge.*

5 G wireless telecommunications expansion: Public health and environmental implications
https://www.sciencedirect.com/science/article/abs/pii/S0013935118300161

> Excerpts: "…. Radiofrequency radiation **(RF) is increasingly being recognized as a new form of environmental pollution**" "…. it **will be years or decades before the true health consequences are known.** Precaution in the roll out of this new technology is strongly indicated." … Conclusion: **"**Although 5G technology may have many unimagined uses and benefits, it is also **increasingly clear that significant negative consequences to human health and ecosystems could occur if it is widely adopted. Current** radiofrequency radiation **wavelengths we are exposed to appear to act as a toxin to biological systems.** A moratorium on the deployment of 5G is warranted, along with development of independent health and environmental advisory boards that include independent scientists who research."

Study 5G Causes Microwave Syndrome
https://ehtrust.org/study-5g-causes-microwave-syndrome/

> The **first ever study** of the health effects of 5G radiation on **humans** shows that **5G causes** typical symptoms of microwave syndrome as well as a **massive increase in microwave radiation.** The case study also confirms once again that radiation **well below levels allowed** by the authorities causes ill health.

https://www.gavinpublishers.com/assets/articles_pdf/Case-Report-The-Microwave-Syndrome-after--Installation-of-5G-Emphasizes-the-Need-for--Protection-from-Radiofrequency-Radiation.pdf

Original article in Swedish:
https://www.stralskyddsstiftelsen.se/2022/02/22/forsta-studien-av-effekter-av-5g-straln ing-pa-manniska-visar-att-5g-orsakar-mikrovagssyndromet/

Click here to download the study
https://www.stralskyddsstiftelsen.se/wp- content/uploads/2022/02/5g_mikrovagssyndromet_ma_2022.pdf

Adverse health effects of 5G mobile networking technology under real-life conditions
https://pubmed.ncbi.nlm.nih.gov/31991167/
https://www.sciencedirect.com/science/article/abs/pii/S037842742030028X?via%3Dihub

> This **article identifies adverse effects of non-ionizing non-visible radiation** (hereafter called wireless radiation) reported in the premier biomedical literature. It emphasizes that **most of the laboratory experiments conducted to date are not designed to identify the more severe adverse effects reflective of the real-life operating environment in which wireless radiation systems operate. Many experiments do not include pulsing and modulation of the carrier signal.** …. The vast majority do not account for synergistic adverse effects of other toxic stimuli (such as chemical and biological) acting in concert with the wireless radiation. This article also **presents evidence** that the nascent 5G mobile networking technology will affect not only the skin and eyes, as commonly believed, but will have adverse systemic effects as well.

The assumption of safety is being used to justify the rollout of 5G technologies
https://www.frontiersin.org/articles/10.3389/fpubh.2023.1058454/full

> "… this article takes one step back from reviews to the original papers, so as to provide a visible overview of the existing mmWave evidence base. It then examines how the science is being conducted and communicated, finding errors in reasoning that cloud judgements and the subsequent conclusions drawn from the existing research… **within the main topics investigated, we have made evident the number of studies showing effects vs. the number of studies showing no effects "regardless of the study design, merit, flaws, experimental quality, shortcomings, limitations, or methodological weaknesses""**

FACT SHEET: Scientific evidence invalidates health assumptions underlying the FCC and ICNIRP exposure limit determinations for radiofrequency radiation: implications for 5G
https://icbe-emf.org/wp-content/uploads/2022/10/fact-sheet-221009-v2.pdf

References of over 200 scientific studies and six (6) reviews reporting potential harm at non-thermal (not heating) levels of radiofrequency/microwave radiation that are **below Safety Code 6** (2015) - Canadians for Safe Technology (C4ST)
https://c4st.org/wp-content/uploads/2017/04/original-eferences_of_over_200_scientific_studies_showing_potential_harm_at_levels_below_safety_code_6.pdf

Dr. Martin L. Pall's Latest Compilation of EMF Medical Research Literature
https://www.radiationresearch.org/wp-content/uploads/2018/06/EU-EMF2018-6-11US3.pdf

Physicians for Safe Technology https://mdsafetech.org/

SOLUTIONS

Wired connections, including fibre optics to the premises (FTTP) is more reliable, secure and safer. Wireless transmission of data is more susceptible to hacking and security breaches.

Fibre optics cables have been installed throughout Comox, including near Anderton and Ryan Road. It's only a matter of time before it continues along Anderton towards Ellenor Road.

There are many communities on Vancouver Island and within the Comox Valley that are pleased with their FTTP connections. **Connected Communities,** Wired Networks for Crossing the Digital Divide, is an excellent resource:
https://connected-communities.ca

Landline Telephones work great for telephone needs at home and you can forward your cell phone to a landline. There are also VOIP phones that work using your internet and can be hardwired.

Adapters
There are adapters available to hard wire (via Ethernet cable) cell phones, tables and computers.
How to hardwire: https://ehtrust.org/wp-content/uploads/How-to-Hardwire-5.jpg

SAT Phones
Satellite phones can be used while in the back country. They also emit a radio frequency (RF) signal but the idea is you would only turn them on when needed. They would remain turned off when not required and thus, reducing the exposure to RF radiation.

In the event of an emergency

Any cell phone that is charged adequately will connect with any service provider's towers i.e. the cell phone user doesn't have to be a subscriber to connect with a different companies tower.

RESOURCES + CREDIBLE INFO

See **a letter written** by ORSAA to Australian **councils** (but is applicable to all councils). https://www.orsaa.org/resources.html

Oceania Radiofrequency Scientific Advisory Association (ORSAA) **https://www.orsaa.org/orsaa-database.html**

"ORSAA makes submissions and gives witness statements to the Federal Parliamentary Inquiry into 5G Wireless Communication Feb 2020"

Dr. Martin Pall, PhD, Presentation to **Portland Public Schools Board of Education** (6:49 min)

www.youtube.com/watch?feature=player_embedded&v=HCAyPMVuJHY

Olle Johansson **Video re 5G roll out** (~3mins) https://www.youtube.com/watch?v=hh_dOKKyU0M

Olle Johansson **Presentation to City Council** (~21 min) https://www.youtube.com/watch?v=_jGKa6ZbXLg

Retired Professor Olle Johansson, PhD Karolinska Institute Department of Neuroscience, Sweden https://www.researchgate.net/profile/Olle-Johansson "**Olle Johansson is a world-leading authority in the field of EMF radiation and health effects**" https://vetapedia.se/olle-johansson-associate-professor-ki/

Physicians for Safe Technology https://mdsafetech.org/links/ https://mdsafetech.org/science/

> "We are a group of physicians and health professionals whose mission is to provide trusted leadership in promoting, healthy and safe environments through the safer use of technology at home, in schools, in the workplace, in healthcare settings and in communities."

Environmental Health Trust https://ehtrust.org/science/

https://ehtrust.org/science/**medical-doctors-consensus-statements-recommendations-cell-phoneswireless/**

https://ehtrust.org/scientific-research-on-5g-and-health/

Open letter by British medical doctors: Health and safety of Wi-Fi and mobile phones

http://ssita.org.uk/wp-content/uploads/2014/03/British-Doctors-Letter-March-2014.pdf

EMF Portal https://www.emf-portal.org/en

> The internet information platform EMF-Portal of the RWTH Aachen University summarizes systematically scientific research data on the effects of electromagnetic fields (EMF). All information is made available in both English and German. The core of the EMF-Portal is an extensive literature database with an inventory of 37,903 publications and 6,988 summaries of individual scientific studies on the effects of electromagnetic fields.

"FLYING BLIND" WITH 5G

Video: https://www.youtube.com/watch?v=ekNC0J3xx1w

Article: **https://www.blumenthal.senate.gov/newsroom/press/release/at-senate-commerce-hearing-blumenthal-raises-concerns-on-5g-wireless-technologys-potential-health-risks**

Senator Richard Blumenthal (CT) questions the industry representatives about **bringing 5G to market with no safety testing**. Partial transcript of Congressional hearing "Winning the Race to 5G and the Next Era of Technology Innovation in the United States" on February 6, 2019 called by the Committee on Commerce, Science and Transportation.

> SENATOR BLUMENTHAL - "**How much money has the industry committed to supporting additional independent research**—I stress independent—research? Is that independent research ongoing? Has any been completed? Where can consumers look for it? And we're talking about **research on the biological effects of this new technology**."
>
> BRAD GILLEN, Executive VP of CTIA - "Uh, **there are no industry-backed studies** to my knowledge right now."
>
> SENATOR BLUMENTHAL - "So essentially, the answer to my question - how much money? Zero."
>
> BRAD GILLEN - "To my knowledge there are no active studies being backed by industry today."
>
> SENATOR BLUMENTHAL - "**So there really is no research ongoing. We're kind of flying blind here as far as health and safety is concerned."**

BASED ON THE INDEPENDENT SCIENCE THAT EXISTS, IF THIS TECHNOLOGY IS ROLLED OUT – PEOPLE, INSECTS, POLLINATORS AND THE ENVIRONMENT WILL BE HARMED.

THE PROPOSED LOCATION FOR THIS CELL TOWER IS ON ALR LAND WITH SURROUNDING FOOD PRODUCING FARMS, POLLINATOR HABITAT AND LOCAL BEEHIVES. IF THERE'S NO POLLINATORS, FARMERS CAN'T GROW FOOD. THIS WOULD BE DEVASTATING AND VERY DETRIMENTAL FOR ALL LIVING THINGS. WE DO NOT CONSENT.

WE ASK THE CVRD EASC, BOARD MEMBERS AND COUNCIL TO PROVIDE PROTECTION TO THE RESIDENTS OF THE COMOX VALLEY BY APPLYING THE PRECAUTIONARY PRINCIPLE. PLEASE **DO NOT GRANT A LETTER OF CONCURRENCE** FOR THE PROPOSED TOWER AT 1388 ELLENOR ROAD, CVRD AREA B.

Statements made in Reports by BCE Inc. (Bell), Rogers Communication Inc. and TELUS Corporation relating to Radiofrequency[1] and Health

Contents

1. BCE Inc. (Bell) 1

2. Rogers Communications Inc. Annual Information Form (for the fiscal year ended December 31, 2021) March 3, 2022 1

3. TELUS CORPORATION Management's Discussion and Analysis 2022 Q3 2

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1. BCE Inc. (Bell)

ADVANCING HOW CANADIANS CONNECT WITH EACH OTHER AND THE WORLD

https://www.bce.ca/investors/AR-2021/2021-bce-annual-information-form.pdf

Heading: 1 Caution regarding forward-looking statements

Page: BCE Inc. 2021 Annual Information Form | 3

"… proceedings and, in particular, class actions; the failure to develop and implement strong corporate governance practices and compliance frameworks and to comply with legal and regulatory obligations; the failure to recognize and adequately respond to climate change and other environmental concerns and expectations; pandemics, epidemics and other health risks, including health concerns about radio frequency emissions from wireless communications devices and equipment; the inability to adequately manage social issues; and internal factors, such as the failure to implement sufficient corporate and business initiatives, as well as various external factors which could challenge our ability to achieve our environmental, social and governance (ESG) targets including, without limitation, those related to GHG emissions reduction and diversity, equity and inclusion."

2. Rogers Communications Inc. Annual Information Form (for the fiscal year ended December 31, 2021) March 3, 2022

https://www.sedar.com/GetFile.do?lang=EN&docClass=1&issuerNo=00003765&issuerType=03&projectNo=03346778&docId=5147857

ITEM 5.2 – RISK FACTORS The following section is incorporated by reference herein: "Risks and Uncertainties Affecting Our Business" contained on pages 60 to 69 of our 2021 MD&A.

Before making an investment decision …

[1] **Radio frequency** is used in these statements. Health Canada and Innovation, Science and Economic Development Canada use the word **radiofrequency**.

“Before making any investment decisions and for a detailed discussion of the risks, uncertainties, and environment associated with our business, its operations, and its financial performance and condition, fully review the sections of this MD&A entitled "Updates to Risks and Uncertainties" and "Regulatory Developments" and fully review the sections in our 2021 Annual MD&A entitled "Regulation in our Industry" and "Environmental, Social, and Governance (ESG)", as well as our various other filings with Canadian and US securities regulators, which can be found at sedar.com and sec.gov, respectively. Information on or connected to sedar.com, sec.gov, our website, or any other website referenced in this document is not part of or incorporated into this MD&A. # # # Rogers Communications Inc. 43 Third Quarter 2022”

Rogers Communications
Management’s Discussion and Analysis (filed in SEDAR dated Mar 4, 2021); page 73
https://www.sedar.com/GetFile.do?lang=EN&docClass=7&issuerNo=00003765&issuerType=03&projectNo=03183105&docId=4902427

Radio frequency emissions

“From time to time, media and other reports have highlighted alleged links between radio frequency emissions from wireless devices (including new 5G technology) and various health concerns, including cancer, and interference with various medical devices, including hearing aids and pacemakers. This may discourage the use of wireless devices or expose us to potential litigation even though there are no definitive reports or studies stating that these health issues are directly attributable to radio frequency emissions. Future regulatory actions may result in more restrictive standards on radio frequency emissions from low-powered devices like wireless devices. We cannot predict the nature or extent of any restrictions.”

Obtaining access to support structures and municipal rights of way …

“To build and support the rollout of 5G, and to continue upgrading our cable network, we must continue to have access to support structures and municipal rights of way to install equipment on municipal poles and buildings, and on First Nations land. We can apply to the CRTC to obtain a right of access under the Telecommunications Act in areas where we cannot secure access to municipal rights of way. Failure to obtain access could increase our costs and adversely affect our business.”

3. TELUS CORPORATION Management’s Discussion and Analysis 2022 Q3

https://www.sedar.com/GetFile.do?lang=EN&docClass=7&issuerNo=00011998&issuerType=03&projectNo=03452570&docId=5303595

Title: Caution regarding forward-looking statements
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“Health, safety and the environment including: lost employee work time resulting from illness or injury; public concerns related to radio frequency emissions; environmental issues affecting our business, including climate-related risk (such as extreme weather events and other natural hazards), waste and waste recycling, risks relating to fuel systems on our properties, changing government and public expectations regarding environmental matters and our responses; and challenges associated with epidemics or pandemics, including the COVID-19 pandemic and our response to it, which may add to or accentuate these factors.”

VISTA PRESENTATION ATTACHMENT – PRESENTATION DATE: MAR 6, 2023

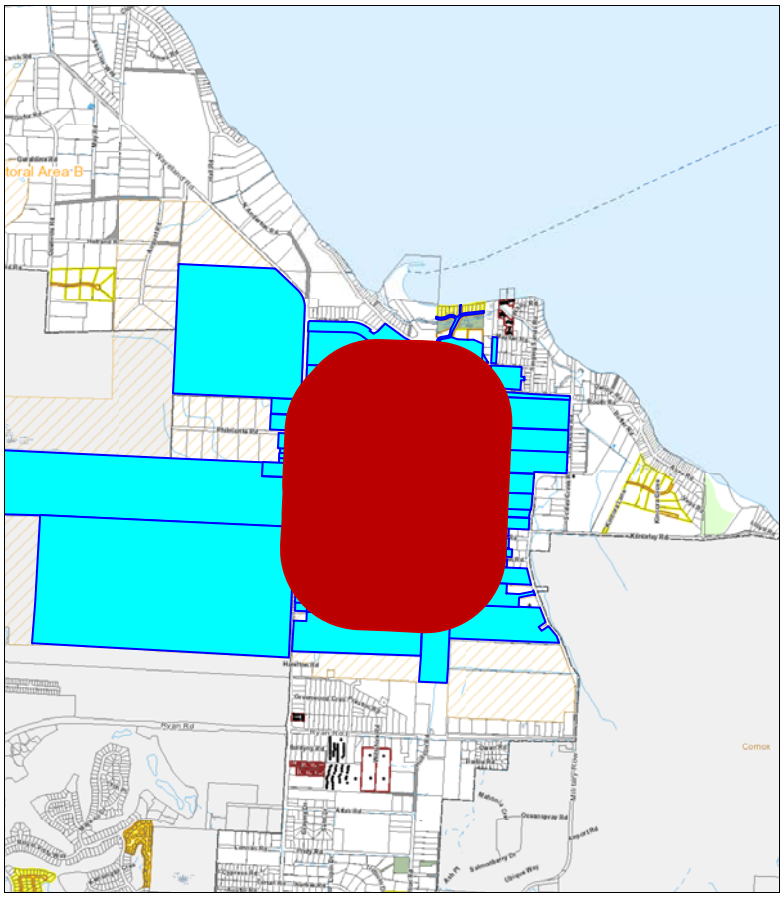
ANONYMOUS PETITION AND POLL OF RESIDENTS WITHIN 500 METER RADIUS OF PROPOSED 43 METER TOWER
AT 1388 ELLENOR ROAD, CVRD AREA B (Note: Actual Addresses and Original Petitions to be provided to CVRD on day of meeting.)

Property Address (actual addresses to be provided with petitions)	**Telus Public Notification Pkg Received?**	**Petition Signed (Opposed to Tower)**	**In support of tower**	**Undecided**	**Not home (NH) or gate closed**	**SUM**
Property within 500 m Radius						
1	n/a – forgot to ask		1			1
2	n/a – forgot to ask	1				1
3	n/a NH				NH	0
4	Yes			1		1
5	n/a				NH	0
6	Yes	1				1
7	**NO**	1				1
8	**NO**			1		1
9	n/a NH				NH	0
10	Yes – via email	1				1
11	**NO**			1		1
12	? Not aware of tower	1				1
13	Yes	1				1
14	**NO**	1				1
15	**NO**	1				1
16						0
17	? forgot to ask			1		1
18	Yes	1				1
19	n/a				NH	0
20					NH	0
21	Yes			1		1
22					NH	0
23	Y	1				1
24	n/a under construction				NH	0
25	NO ?			1		1
26	? not sure		1			1
27	**NO**			1		1

28	YES		1			1
29	n/a forgot to ask			1		1
30	no, but maybe husband did?	1				1
31					n/a	0
32	**NO**	1				1
33	n/a didn't go to house				NH	0
34	n/a NH				NH	0
35	? forgot to ask		1			1
36	n/a NH				n/a	0
37	n/a Gated didn't enter				n/a	0
38	**NO**			1		1
39		1				1
40	? forgot to ask	1				1
41	? forgot to ask			1		1
42	Yes		1			1
43	n/a NH				NH	0
44	Yes	1				1
45	Yes			1		1
46					n/a	0
47	n/a NH				NH	0
					TOTAL # OF RESIDENTS POLLED IN PERSON	**31**

TOTALS	**8**	**15**	**5**	**11**		
	Didn't Receive Telus Public Info Pkg	**Opposed to Tower**	**In support of tower**	**Undecided**		
AS A PERCENTAGE:	**25.81%**	**48.39%**	**16.13%**	**35.48%**	100.00%	

Comox Valley



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Vancouver Island Safe Tech Alliance (VISTA) Presentation Summary by a certified EMF Radiation Consultant - Information on Cell Tower Radiation

“You can’t see it, hear it, feel it, or smell it, but believe me – it’s everywhere”

March 2, 2023

Dear CVRD EASC + CVRD Chair,

As EASC committee members and board members you are put into the difficult position to deal with the subject of cell towers and man made radio frequency radiation, which is completely foreign to almost everyone. This even includes physicians, as neither you nor medical professionals received any training in this highly specialized field. Unfortunately this lack of knowledge can lead to poor decision making, which in the long run is not conducive to a healthy environment.

Its likely, that you assume that Health Canada will keep us safe, as its their fiduciary duty to protect the citizens of Canada. Unfortunately this arm of the government has dropped the ball, many, many times before, by siding with highly influential industries in the past, with devastating results. Lead, DDT, formaldehyde, PCB’s, smoking, mercury dental fillings, Thalidomide, and a host of other highly bio-toxic substances caused endless sufferings and premature death. This scenario has unfortunately not changed, were the industry lobby has unlimited access to politicians in Ottawa. Government officials and telecom regulators have met twice daily in a time span of 2 years in the recent past, which illustrates the unhealthy closeness of government regulators and those they are supposedly regulating.

Today’s EMF radiation scientists consider Health Canada a captured agency, which also includes Innovation Science and Development (ISED), due to the billions of dollars they receive from the wireless industry in frequency air wave auctions. A bold claim to make? As a certified EMF Radiation Consultant, I was witness to the absurd closeness of a telecom lobbyist during a Zoom meeting with ISED directors, Brian Rees and Michael Fu. Mr. Fu decided blindly to believe this Telus lobbyist, over written statements of 10 home owners. The reason given was, *“because he works for many telecom companies”*. Michael Fu, Regional Director for Innovation, Science and Economic Development Canada (ISED)

Understanding how cell tower radiation works

Every cell towers emits bio active, microwave radiation, but industry lobbyist shun this word and prefer to call it, “energy”. Why? They also refer to an umbrella effect, implying there is no or very little microwave radiation near the cell tower, which is a misleading statement. I have measured many cell towers in British Columbia with precision lab tested instruments, revealing extreme radiation levels.

Has the telecom lobbyist informed you that other cell towers send microwave radiation signals, non stop, to the proposed cell tower, which cause elevated radiation fields around the cell tower? Has he informed you of the consequences of 24/7/365 elevated radiation fields, to homes surrounding the cell tower, since point to point transmission is not precise sniper technology, as one would assume. Rather its a buckshot technology, which causes additional radiation exposure to the area and homes from other cell towers, transmitting their data back and fourth via microwaves. Did he inform you that the radiation of cell towers can reach many miles, depending on the frequency? Were you informed that microwave hot spots occur where cell tower radiation beams overlap from other towers, causing hotspots? Very much like flashlight beams. Are you aware that the telecom lobbyist uses outdated science in his handouts, dating back to the 1990’s?

Why has he failed to inform you of the latest research, such as the recent, 10 year, peer reviewed study on cell tower radiation by the world renown Ramazzini Institute? Why has he failed to inform you of the twice peer reviewed, US government funded, National Toxicology Program Study (NTP)? Hundreds of peer reviewed studies like this, showing adverse health affects were published in the last few years, but the telecom industry's representatives feel that it's their right to withhold this important information from you and the public. Is this ethical?

Due to the lack of transparency by governments and industry, the general public is completely unaware of the health impacts, cell tower radiation has on their life, their family and the environment. They are not aware, that EMF scientists, and thousands of informed physicians around the world issued warnings after warnings to governments, as well as the World Health Organization. Since main stream media is largely owned or funded through advertising by industry giants, such as Bell, hardly any information is passed on the public.

Has your doctor told you that cell tower radiation is safe? If he or she has, please ask, what peer reviewed papers, books or science they have read on this subject, as physicians are not educated in this field in medical school. This was recently exemplified by the 4 day, *International EMF Medical Conference 2021*,which was attended by over 800 participants. Their credit course, was designed for medical professionals, regarding radio frequency radiation, and its long term health impacts. The group of presenters included professors of science and medicine, from McGill, Harvard, Columbia, University of California, and other prestigious institutions around the world.

Is cell tower radiation is safer than WiFi? No, it is not!

Wifi is voluntary, and informed people in this field try to avoid it, if at all possible. Cell tower radiation is involuntary, and penetrates every wall in the home with ease. This type of unnatural, pulsed radiation, has become omnipresent with no escape. Would you be happy if your home and the town you live in was permeated by toxic smog, belching from a factory chimney? Not very likely! On the other hand cell tower radiation, a.k.a, e-smog pollution, is invisible like a virus, which makes it an easy sell for telecom consultants.

You can't see it, hear it, feel it, or smell it, but believe me, it's everywhere!

Does cell tower radiation penetrate humans, animals, insects and plants? Yes!

Cell tower radiation is measurable in the human body with specialized high frequency meters, even when the tower is located a long distance away. The human body acts as an exquisite antenna, and attracts cell tower radiation. The body coupling-measurement method has been used to better investigate the patient's burden to EMF radiation by health practitioners and environmental medicine practitioners in Austria, Switzerland and Germany for over 20 years.

What does Health Canada's own website state about the notoriously outdated, Safety Code 6 (2015)? **Limits of Human Exposure to Radiofrequency Electromagnetic Energy in the Frequency Range from 3kHz to 300 GHz** 2G, 3G, 4G and 5G Reference Period: **6 Minute Exposure only!**

It's imperative for decision makers to become familiar with the adverse health effects produced by chronic cell tower radiation, to make a wise decision based on TODAY'S science. Informed doctors have pointed out, that all to frequently, physicians misdiagnose patients due to their lack of expertise in this field, leading to unnecessary prescriptions. **Physicians for Safe Technology** (link provided at end), provides a huge source of information on the health effects caused by chronic cell tower exposure.

Through my work as EMF Radiation Consultant, I meet people who have become ill, or highly sensitive to man made radiation, from all walks of life, and are often highly educated professionals.

Feel free to contact me for more information, as this is only represents a small fraction of information. Please take the time to view the links provided below.

Kind regards,
Marcus Schluschen
Certified EMF Radiation Consultant
info@photomarcus.com

SCIENTIFIC EVIDENCE OF BIOLOGICAL EFFECTS

Oceania Radiofrequency Scientific Advisory Association (ORSAA)
https://www.orsaa.org/
ORSAA is a not-for-profit organisation composed of scientists and professionals from various academic disciplines who are investigating the scientific research that relates to the effects of artificial electromagnetic radiation (EMR) on humans, animals and the environment.

Phire Medical – Physicians' Health Initiative For Radiation & Environment
https://phiremedical.org/
Please read the 2020 Consensus Statement below, which is supported by 15 science and medical groups.

2020-Non-Ionising-Radiation-Consensus-Statement.pdf (phiremedical.org)
https://phiremedical.org/wp-content/uploads/2020/11/2020-Non-Ionising-Radiation-Consensus-Statement.pdf

Physicians for Safe Technology | Cell Tower Radiation Health Effects (mdsafetech.org)
https://mdsafetech.org/cell-tower-health-effects/

Radio-frequency Radiation Poses a Health Risk. Physicians Demand Overdue Precaution. More than 1000 physicians signed the “Freiburg Appeal” in 2002. It was translated into many languages. As many as 36,000 people from all over the world support its warning about the dangers of radio-frequency radiation. “Today - ten years later - we as physicians and scientists call again on our colleagues and the wider global community, but also on all politicians around the world.” See the **International Doctors Appeal 2012**
http://straaleskader.dk/links/international-doctors-appeal-2012-nov.pdf
The above link is a short two page medical read but is even more relevant today than in 2012.

Guideline of the Austrian Medical Association for the diagnosis and treatment of EMF-related health problems and illnesses (EMF syndrome)

https://www.emfanalysis.com/wp-content/uploads/2014/09/Austrian-Medical-Association-EMF-Guidelines.pdf

The above is a highly comprehensive paper on health effects, which arise from chronic EMF exposure, including cell tower radiation.