

## **Joint Statement of Canadian Non-governmental Organizations** **Radiofrequency Radiation Belongs in the *Canadian Environmental Protection Act***

June 28, 2022. As Canadian organizations addressing environmental health, we are deeply concerned about the proliferation of “wireless” radiation in the environment and its effects on the environment and human health. Health Canada guidance aims to prevent excessive tissue heating in humans from radiofrequency electromagnetic radiation (RF-EMR) used for wireless telecommunications, but there is no protection in Canadian law, policy or guidance addressing biological effects in other species. The purpose of Bill S-5: [Strengthening Environmental Protection for a Healthier Canada](#)<sup>1</sup> is to modernize the [Canadian Environmental Protection Act, 1999 \(CEPA\)](#).<sup>2</sup> This is a rare opportunity to correct a serious gap in knowledge to protect biodiversity and ecosystems, essential for a healthy environment.

[CEPA \(section 2 j\)](#) states that it is the duty of the Government of Canada to “*protect the environment, including its biological diversity, and human health, from the risk of any adverse effects of the use and release of toxic substances, pollutants and wastes.*”<sup>3</sup>

**We call for amendments to gather information and to conduct studies regarding RF-EMR, such as that emitted by cell tower antennas, because:**

- RF-EMR is [biologically active at ambient levels](#),<sup>4</sup> can be [toxic to diverse life forms and can act synergistically to magnify toxic effects](#) of substances (chemicals),<sup>5</sup> and therefore is a pollutant;
- Exposure to wireless radiation is increasingly pervasive in Canada;
- [No legislation, regulation, policy nor guideline in Canada monitors or protects wildlife](#) and the rest of the biosphere from RF-EMR;
- [Environment and Climate Change Canada is not addressing the biological effects](#) of this environmental agent;<sup>6</sup>
- [RF-EMR is in scope](#)<sup>7</sup> of amendments to CEPA.

### **We Ask Members of Parliament and Senators:**

**Please support amendments to Bill S-5  
(and therefore the *Canadian Environmental Protection Act*)  
to investigate radiofrequency electromagnetic radiation (RF-EMR) in the environment.<sup>8</sup>**

To sign on or for more information, contact Prevent Cancer Now: [info@preventcancernow.ca](mailto:info@preventcancernow.ca)



Prevent Cancer Now  
Meg Sears, Chair  
[info@preventcancernow.ca](mailto:info@preventcancernow.ca)



Canadians for Safe Technology  
Frank Clegg, CEO  
[frank@c4st.org](mailto:frank@c4st.org)



Friends of the Earth  
Les Ami(e)s de la Terre

Friends of The Earth Canada  
Beatrice Olivastri, CEO  
[foe@foecanada.org](mailto:foe@foecanada.org)



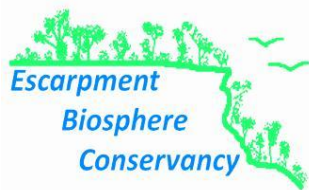
Canadian Educators for Safe Technology  
Shelley Wright, Director  
shelleywright.ce4st@gmail.com



Electromagnetic Pollution Illnesses Canada  
Foundation / Barbara Payne, President  
barbara.payne@iexistworld.org

## **EHA-MB** Environmental Health Association of Manitoba

Environmental Health Association of  
Manitoba / Marg Friesen, Director  
manitobans4st@gmail.com



Escarpment Biosphere Conservancy (ON)  
Robert Barnett – Executive Director, Arch.  
rbarnett@escarpment.ca

## **Albertans for Safe Technology**

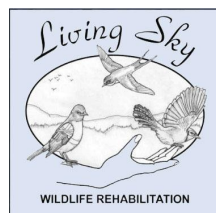
Albertans for Safe Technology  
Lori Curran  
lorilcurran@gmail.com



Canadians for Safe Technology - Youth Riding  
Representatives and Volunteers



CALM (Call to Action to Limit Microcells)  
O. McQuat  
CST.CitizensforSafeTechnology@gmail.com



Living Sky Wildlife Rehabilitation (SK)  
Jan Shadick  
LSRW@sasktel.net

## **Citizens Against the Proliferation of Cell Antennas in the Eastern Townships (Québec)**

Citizens Against the Proliferation of Cell  
Antennas in the Eastern Townships (QC)  
April O'Donoghue, Chair  
april@thecelltowers.org



Rassemblement ÉlectroSensibilité Québec  
Sylvie Robitaille, President  
electrosensibilitequebec@gmail.com



Electrosensitive Society  
Sheena Symington, Executive Director  
sheena@electrosensitivesociety.com



W.E.E.P. - The Canadian Initiative to Stop  
Wireless Electrical and Electromagnetic  
Pollution / Martin Weatherall, Co-Director

## **Mixedwood Forest Society (Manitoba)**

Mixedwood Forest Society (MB)  
Joe Dolecki, M.A.  
acrescircle@gmail.com

## **Gulf Islanders for Safe Technology (British Columbia)**

Gulf Islanders for Safe Technology (BC)  
Chris Anderson  
canderson@uniserve.com

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<sup>1</sup> **Bill S-5. *Strengthening Environmental Protection for a Healthier Canada Act.***

<https://www.parl.ca/legisinfo/en/bill/44-1/s-5>

<sup>2</sup> **CEPA, 1999:** <https://laws-lois.justice.gc.ca/eng/acts/c-15.31/>

<sup>3</sup> **CEPA, 1999:** Section 2 (j).

<sup>4</sup> **Planetary Electromagnetic Pollution: It is Time to Assess its Impact.** The Lancet Planetary Health (2018) by Bandara and Carpenter.

[RF-EMR for telecommunications is estimated to be 1,000,000,000,000,000,000 times natural levels.]

[https://doi.org/10.1016/S2542-5196\(18\)30221-3](https://doi.org/10.1016/S2542-5196(18)30221-3)

<sup>5</sup> **Protect Birds, Bees and Trees: Include Anthropogenic Radiofrequency Electromagnetic Radiation in *Canadian Environmental Protection Act* Amendments. White Paper. (April 2022)** by Prevent Cancer Now and Canadians for Safe Technology:

<https://preventcancernow.ca/wp-content/uploads/2022/04/RF-EMRinCEPA-WhitePaper-inclAmendments-PCNC4ST-UPDA TED2022April7.pdf>

<sup>6</sup> **Auditor General Environmental Petition 456. (2021). The Government of Canada’s rigour and transparency in evaluating the science regarding localized exposures to 5G technologies in its update of Safety Code 6.**

[https://www.oag-bvg.gc.ca/internet/English/pet\\_456\\_e\\_43873.html](https://www.oag-bvg.gc.ca/internet/English/pet_456_e_43873.html); Petition and government responses available at:

<https://preventcancernow.ca/wp-content/uploads/2022/02/5G-Petition-and-Government-Response.pdf>

<sup>7</sup> **Briefing note: Radiofrequency Electromagnetic Radiation investigation belongs in CEPA:**

<https://preventcancernow.ca/wp-content/uploads/2022/07/EMRinS5-CEPAScopeBrief-2022-Jn-27.pdf>

<sup>8</sup> Add “radiofrequency electromagnetic radiation” to *CEPA, 1999*. Section 44 “*Environmental Data and Research*” and Section 46, “*Information Gathering*.”: <https://laws-lois.justice.gc.ca/eng/acts/c-15.31/>