Presentation to
Executive Policy Committee, City of Winnipeg
Tuesday, July 8, 2025 Meeting

Item 5. Opt-Out Program for the Advanced Metering System in the REPORT OF THE STANDING POLICY COMMITTEE ON WATER, WASTE, AND ENVIRONMENT DATED JUNE 27, 2025



Shelley Wright

- Retired Teacher (29 years)
- Director, Canadian Educators for Safe Technology
- Leadership Team Member, Canadians for Safe Technology

Accessible wired high-tech home:
Husband – Mechanical Engineer (P. Eng.)
Daughter – Environmental Engineer
Son – Website App Developer

Who can become
Electromagnetically Disabled?

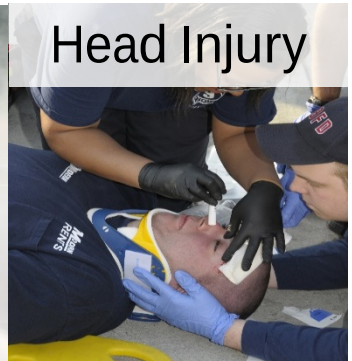
Winnipeg residents who have:

- Environmental toxin load
- Concussion or head injury
- Heart arrhythmia
- Lyme disease (tick bite)
- Multiple Sclerosis
- Autism
- Parkinson's disease
- Electrical exposures
- Chemical exposures
- Immune deficiencies
- Accidental electrical exposure
- Accidental chemical exposure









Physical Injury and Mental Distress due to Wireless microwave radiofrequency radiation

Non-wireless home environments can significantly reduce microwave sickness/electromagnetic hypersensitivity symptoms:

- Irregular heartbeat/ heart failure
- Headaches, migraines
- Difficulty concentrating, memory lapses
- Disorientation, dizziness, vertigo
- Sleep disturbances or insomnia
- Tinnitus (ringing in the ears)
- Skin rashes, tingling/prickly skin
- Nausea
- Fatigue



Medical Doctors (such as those at the Environmental Health Clinic of Women's College Hospital in Toronto) **diagnose this chronic debilitating disability.**

Belpomme and Irigaray (2020). **Electrohypersensitivity as a Newly Identified and Characterized Neurologic Pathological Disorder: How to Diagnose, Treat, and Prevent It.** https://pubmed.ncbi.nlm.nih.gov/32168876/

Wireless Meters emit Extremely High Levels of Microwave Radiation



Water meter broadcast 15,000 µW/m²

Wireless Water Meter Levels, Grand Bend, Ontario

150 times higher than my tolerance level

My hometown, population 45,000. No medical note required for utility meter opt-out: installed non-wireless electric meter wired to landline phone.

Ideal would have been: Mechanical non-digital meter, self-read meter readings happily submitted monthly.

Helped relieve my Microwave Sickness Symptoms:

- Sharp posterior head pain
- Building head pressure
- Migraines for hours/days
- Loss of executive functioning (focus, communication, multiple tasks)
- Slurred speech
- Skin bubbles/rashes



Safe shelter unattainable **= Precarious Housing**

Accessible, non-wireless utility services are required, otherwise persons and their dependants face:

- **exclusion**
- **illness**
- **homelessness**

Which can quickly cause grave perilous losses in:

- **education**
- **employment**
- **income**
- **food security**
- **quality-of-life.**



Some Foundational Human Rights

Bodily autonomy to preserve health, safety, and ability to fully participate in a home environment without harm, and without fear of harm.

Accessible Canada Act
Prioritized: Dignity, privacy, inclusion

Accessibility for Ontarians with Disabilities Act (AODA) and Ontario Human Rights Code (OHRC)

* Opt-out fees violate the principles of equality and accommodation.
* Proof-of-need documentation is a discriminatory barrier and not required for accommodations for public services.
* Institutions must bear responsibility of removing barriers.

Electromagnetic Hypersensitivity is a Recognized Disability



- Global Recognition: EHS is listed in the International Code of Diseases, from non-ionizing radiation, ICD-10
- Sweden: Functional Impairment – EHS is recognized as a long-term disability, 2002. USA: Americans for Disability Act, 2002



- Canadian Human Rights Commission, 2007
- Canada: "The Medical Perspective on Environmental Sensitivities" report to Canadian Human Rights Commission





- EMF Medical Conference qualifies as CME credits

Transparent, Penalty-Free

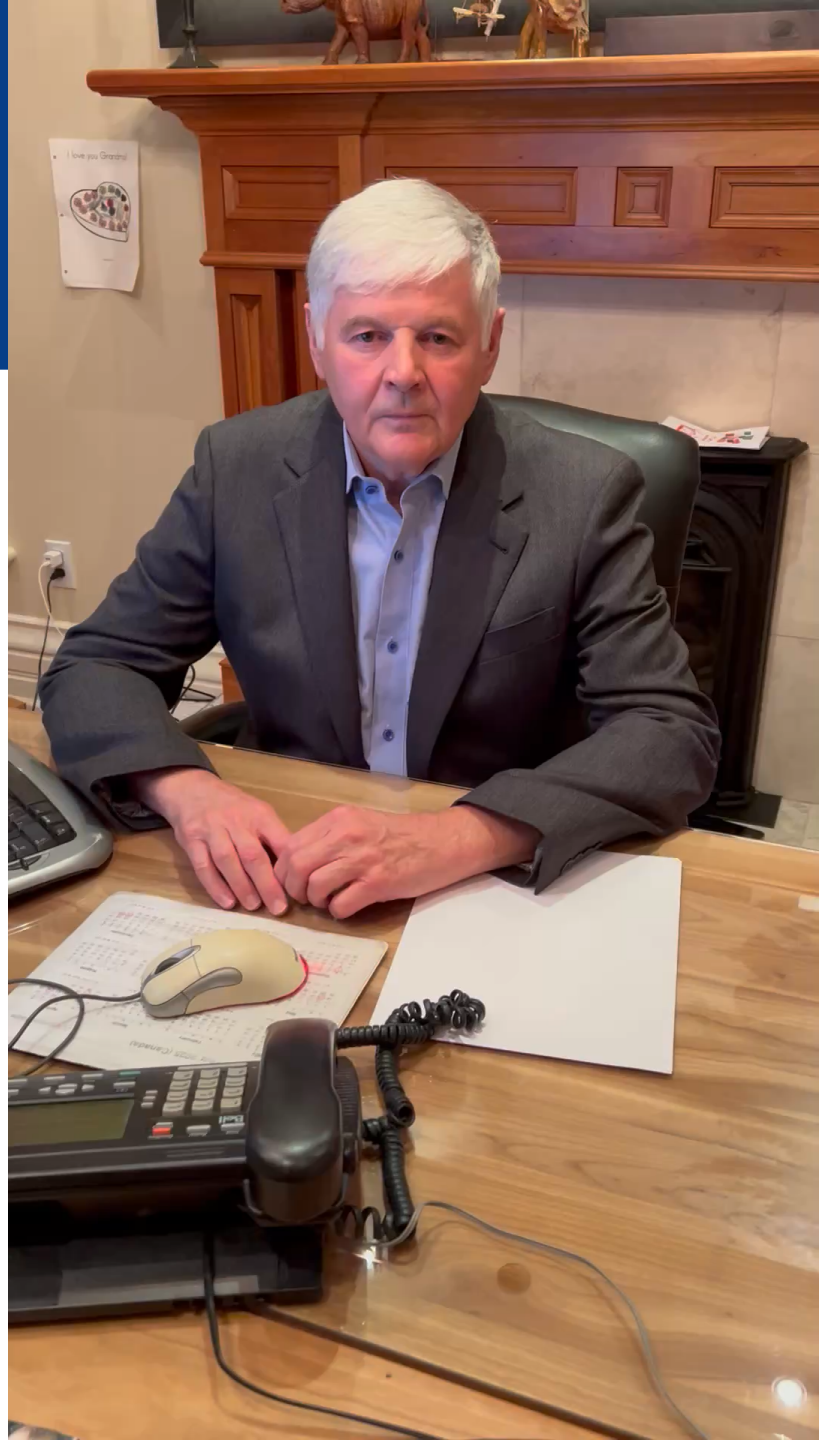
Opt-out Policy

An Opt-out policy supports public health inclusion human rights

- **No fees** nor penalties for opting out.
- **Prompt and full access for renters and homeowners** who need non-wireless options, **regardless of prior installations**.
- **Acceptance of letters from any licensed Canadian physician/healthcare provider.**
- **No charges** to the resident **for relocation of antennas or meters, nor for alternative meters or other accommodation(s).**
- **Protection for residents in adjacent dwellings** from neighbouring wireless emissions.
- **Flexibility for residents who develop health issues after installation**.

Frank Clegg
Past President of Microsoft Canada

Frank Clegg, Past President of Microsoft Canada shares his concerns and solutions regarding wireless smart meter.



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CANADIANS FOR SAFE TECHNOLOGY
CANADIENS POUR UNE TECHNOLOGIE SÉCURITAIRE

END of PRESENTATION

Additional information in the slides below.

Canadian Educators for Safe Technology

C4ST

CANADIANS FOR SAFE TECHNOLOGY

CANADIENS POUR UNE TECHNOLOGIE SÉCURITAIRE

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Shelley Wright's Bio

- **Canadians for Safe Technology, Leadership Team member.**
- **Director, Canadian Educators for Safe Technology,** promoting inclusive wired technology and safety for persons living with electromagnetic disabilities.
- **Work with Canadians, electromagnetically injured.**
- **Guest speaker regarding EMF (Electromagnetic Fields) at two accredited medical symposiums**
  sponsored by Women's College Hospital, Toronto.
- **At Elementary Teachers' Federation of Ontario (ETFO) Annual Meetings wrote and passed inclusive wired/safe tech resolutions**, annually for 7 years, with 800 teachers present.
- **I work with individuals across Canada who are electromagnetically injured.**

Fully Wired High Tech Home

High-Tech Family, Fully Wired Home

* Husband, retired Mechanical Engineer
* Daughter, Environmental Engineer
* Son, Computer Science Student

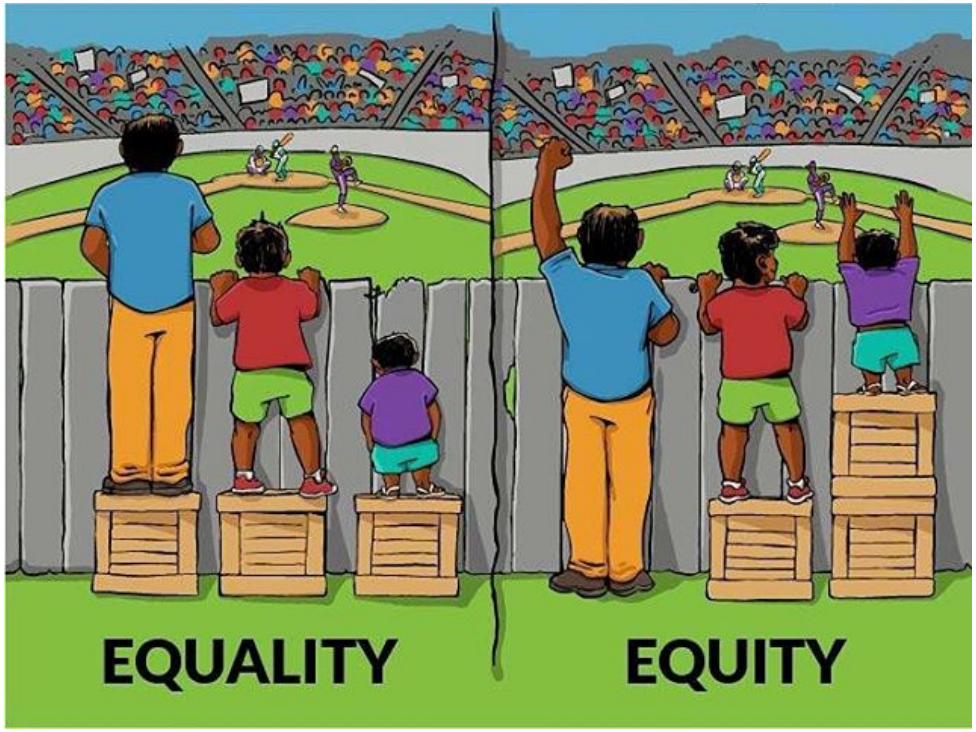
* No wireless, all devices fully wired (adaptors, powerline ethernet adaptors)
* Visitors turn off phones/airplane mode with Cellular, Wi-Fi, and Bluetooth disengaged.

Exclusionary Consequences





Equality vs Equity



Informative Websites

* Tech Safe Schools
* Parents for Safe Schools
* Moms who Care
* Electrosensitive Society
* Physicians for Safe Technology
* Canadians for Safe Technology
* The Childsafe School
* Electromagnetic Pollution Illnesses Canada
* Massachusetts for Safe Technology

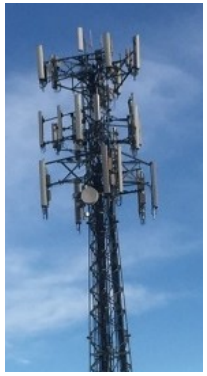
Electromagnetic Sources Trigger EHS



Symptoms are significantly worsened & can become debilitating around…

- **Wireless meters**
- **Cell phone calls & texts (>50 ft – stronger signal)**
- **Wi-Fi hotspots & routers & bluetooth (>50 ft)**
- **Fitness trackers, smart watches, most smart items**
- **All wireless devices**
- **Cell tower antennas (within 1 km)**
- **Smaller network antennas on rooftops & street poles**







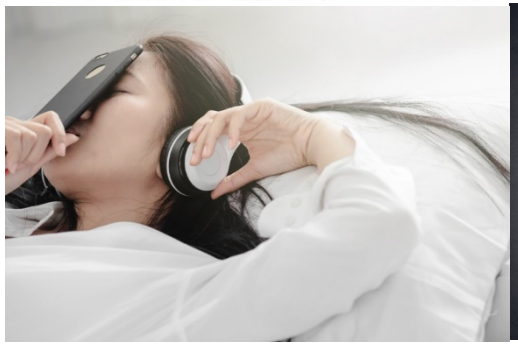


Indoor or Outdoor Equipment Can Cause Debilitating Symptoms

- ***Duration*** **of exposure**
- ***Proximity*** **to the** ***source***
- **Wireless** ***signal strength***



My symptoms disappear within hours or 3 days after the triggers are removed.





For some children and adults, symptoms can last a week or longer, or be permanent.

More people have Electromagnetic Sensitivities than Peanut Allergies

Estimates inform us that at least 3% **of Canadians** are electrosensitive.

one million Canadians

2.7% are peanut sensitive.