



February 8, 2011

Victoria School District 61

Att: Wi Fi Committee

**Re: Error or Omission in Health Canada's Safety Code 6**

Dear Sirs/Madams:

I want to thank the school district for the important discussion on Wi Fi. This is an emotional issue for many but administrative decisions aren't based on emotion. Parents and professionals passionate about this discussion need to understand that administrators are governed by laws. Provinces look for leadership from the federal government and Health Canada is reporting there is no peer reviewed science supporting Wi Fi is causing harm.

Unfortunately Health Canada isn't reporting that an error or omission in safety standards was reported to Health Canada and by expert witness for Canadian Parliament's Standing Committee on Health. Health Canada in their ignorance or neglect also didn't report to the provinces that the Report of the Standing Committee on Health included investigating the **significant** oversight(error or omission) in Safety Code 6.

My testimony to your committee is only in the best interest of the committee's objectives in protecting the public. I am a government trained electrical professional certified by provincial and national governments. In October 2010, I was an expert witness for Canadian Parliament's Standing Committee on Health and reported the oversight(error or omission) in Health Canada's Safety Code 6. In December 2010 the Report of the Standing Committee on Health included Health Canada thoroughly investigating the significant oversight.

Safety Code 6 compares radio frequency interaction with humans but left out the frequencies of humans or that they are unprotected, precise electrical systems very vulnerable to emfs. Electromagnetic induction is taking place and Safety Code 6 says induction is to be avoided. The error or omission in Safety Code 6 is the reason causation was missed. It is horrifying there is a known heating effect in safety standard discussion but because they didn't know the cause, they assigned a heat load to the tissue and determined it was happening fast. Everything in existence is made of atoms and molecules. Electromagnetic fields cause excitation at twice the frequency and that means children polarizing up to 10 billion times per second.(heat effect)

Health Canada **says stimulation of tissue is to be avoided or it could lead to nerve and muscle depolarization or a heat effect.** Wi Fi is stimulating tissue and to be avoided according to Safety Code 6. In a Wi Fi environment, you are going to have 2.4 or 5 Ghz radiating schools without considering you have hundreds or thousands of unprotected electrical systems called humans running at 7 Hz. When you impose frequencies of 2.4 or 5 Ghz(billion cycles/sec) on a 7 Hz(cycles/sec) or other frequency and it is unprotected, you have a host of electrical challenges. Health Canada stating nerves being impacted accounts for the wide range in symptoms reported by children, parents and professionals.

Over the years, people's sensitivity to emfs were called Electromagnetic Hypersensitivity(EHS). Health Canada calls it nerve and muscle depolarization or heat effect. The reported oversight substantiates what professionals have been reporting for years on this issue. The dangers of emfs including the oversight were lectured in medical education January 8 & 9<sup>th</sup>, 2011 for education credits health professionals need for licensing in the United States.

The error or omission in safety standards changes the law and there will be liability for the school district or the costs associated with the adverse health effects now or down the road. The Standing Committee on Health spoke of future health costs in recommending for the oversight to be investigated.

The Victoria School district needs to halt any installation of Wi Fi immediately until Health Canada substantiates the oversight. It will only take one day because electromagnetic induction and frequency conflicts are taught as standards in electrical education in every city, province, state or country.

The technical advancements bringing the internet to schools is important but needs to be installed by responsible construction practices. Using wires at stations protects the children and delivers the data faster. Wi Fi is used for convenience to avoid construction costs but proper construction is the only way to upgrade technology.

I look forward to answering any questions for you or your technical support.

Sincerely,

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[Report of The Standing Committee on Health Link](#)