

if dental disease is the most prevalent condition in Canada not here to speak about teeth? 40+30 ↓ IS that not why we fluoridate?

Hello, my name is Malorie Knoester and I am here to speak to the audience and council members as a concerned citizen.

During my most current post-secondary education I studied natural nutrition and gained my designation of RHN. During a seminar on managing hypothyroidism (or an underactive thyroid) naturally, we were informed that it would be wise to inform clients (dealing with Hypothyroidism) to avoid tap water.... "WHY?" I asked. Well, fluoride displaces iodine within the human body, and the **thyroid is particularly affected by this fluoride exposure** because its store of iodine is depleted.

~~If we administer fluoride in the water, and there is a scientific understanding that fluoride does this to iodine, could this not potentially affect millions of other people? The reasoning is to protect teeth, but where is the risk to benefit analysis, and if this risk even exists, why are we not warned?~~

After this, I began researching and I have established many concerns some of which I want to share with you today.

The city of London's website states the following...

**"Fluoride is a naturally occurring substance in the earth's structure. Some communities have fluoride occurring naturally in their water.** Okay, let's examine this... Yes, fluoride IS a naturally occurring substance in the earth's structure, and some communities DO have naturally occurring fluoride in their water supplies but this is NOT AT the same as the fluoride added to our drinking water. So where does that fluoride come from?

**Website: The current source of London's Fluoride is an ore that is mined and processed in Florida. Processing involves separating the fluoride and the phosphorus, creating HFS and Phosphoric Acid; an important ingredient in chemical fertilizer.**

I don't know about you folks, but I do not want to hear about our water fluoridation and chemical fertilizers in the same sentence. So, instead of PHARMACEUTICAL GRADE fluoride, our water is instead fluoridated HFS, an industrial toxic waste product from the phosphate fertilizer manufacturing industry.

Let me say that again.... A TOXIC WASTE by product, that, when transported prior to dumping in our water supply, is done so by individuals wearing industrial safety gear, in barrels labeled as "poison".

~~So what are the scientific studies evaluating the safety or toxicology of HFS for long-term human consumption? Well to my current knowledge there are none. I have requested this information from my city councilor and have received NO response whatsoever.~~

Another question from the city of London website: **Are there toxic elements in fluoride? Answer: The natural impurities contained in HFS are found in extremely low concentrations and are not considered to be a threat to our health.**

I don't want to drink, or be exposed to these "natural impurities" contained in the HFS added to our

water simply because they are diluted to low concentrations and this "not considered" to be a threat to my health. I WANT 100% confirmation through rigorous scientific evaluation that the HFS impurities are NOT, in ANY WAY a threat to my health.

Now comes the issue of control. Even if the recommended safe target fluoride concentration for London is 0.7mg/L, how can anyone CONTROL for how much fluoridated water one is exposed to? Throughout my education, and in preparation of my university thesis, I have become aware that without controls implemented during scientific study, any results, positive or negative cannot be accepted, how is this matter any different? Further, **this issue of lack of control becomes more problematic when we fail to account for external sources of fluoride other than that in our water.**

**So, where does HEALTH CANADA come in?** Well, according to Windsor's Health Officer Dr. Heimann. when asked "have the products been regulated a approved by health Canada?". Dr. Heimann's reply was: "Health Canada does not specifically have regulatory requirements for this particular product used in Ontario".

⇒ INPUT

~~When you are administering a drug into public water supply, I wouldn't have had any doubt that Health Canada is the number one body involved in ensuring it's safety, until now.~~

I am not questioning the efficacy of topical fluoride application in protecting dental health, but if we are going to fluoridate the water, could we at least use highly tested pharmaceutical grade fluoride, the same that is used in dental care? Why don't we spend taxpayer's money on providing topical fluoride options that are actually backed by scientific evidence.

Now, b/c I am starting to exhibit symptoms of low thyroid function, I have to go out of my way to buy expensive filtered for my house water and drinking water, or seek out non-fluoridated toothpaste. This is ridiculous for not only am I paying tax money for fluoride in the water, but I am paying different measures to remove or avoid it completely. I am not alone in this predicament. *No ms + low income*  
*I feel the corr. b/w low income - cavities has more to do w...*  
Council members and those who protect and maintain our public health... You are currently in a tough position, and I can see and understand that. You are stuck between an emerging body of evidence that exposes what may be an "outdated" unfortunately, "unsafe" practice and idea that water fluoridation was originally deemed on the of the "top ten greatest health achievements ever".

But it is what you do NOW, that matters b/c CLEARLY, this an issue that cannot be ignored anymore.

Once upon a time we used paint with lead, once upon a time, children's toys were also produced with lead and from these methods, and people's health was affected. Sometimes, what we think is an effective and safe way to manufacture things turns out to be unsafe, and thus you see a shift in product manufacturing or you see consumers making SMART DECISIONS to stay away from those products that adversely affect their health.

Well, though I pay for my water use in London, I have NO CHOICE as to whether or not to use this particular type of water. I should have a right to choose whether or not I want a drug administered in my public water. Council members, I want my RIGHT to safe water back!