Robb, Amy

From: Kevin OHeron [redacted]
Sent: Tuesday, October 28, 2014 2:57 AM
To: Water
Subject: Re: Contact Water Utility Board

PS. Please forgive typos, it's late and I was trying to get this sent before 8. Thanks!

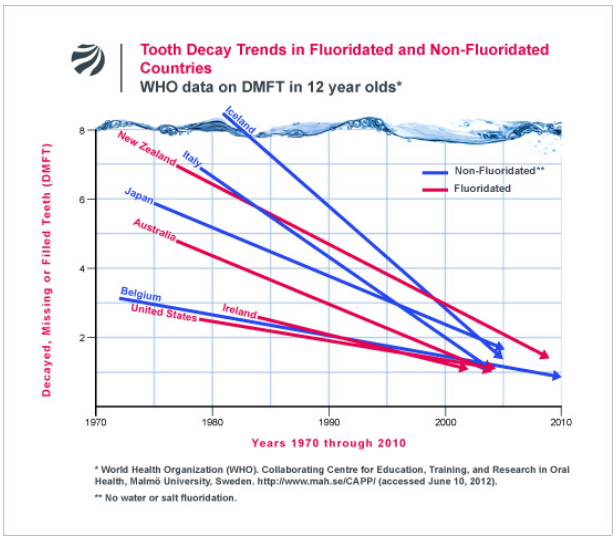
-Kevin

On Tue, Oct 28, 2014 at 2:54 AM, Kevin OHeron [redacted] wrote:
Comments for Meeting today at 4:30, Regarding Water Fluoridation:

To start, here are some interesting bits of info (handout to be furnished at meeting):

A national survey by the CDC found that the most fluoridated state in the U.S. (Kentucky) suffers the highest rate of tooth loss (44%) while the least fluoridated state (Hawaii) suffers the lowest rate of tooth loss (16%)

Curiously, the most recent update to Madison's Water Fluoridation Policy notes that WHO is among the organizations who promote the practice, yet their own data updated in 2013 shows that there is literally no difference in the instance of cavity between fluoridated and non-fluoridated countries (I will hand this graph out at the meeting):



Now, given that the city actually *pays* from taxpayer dollars, companies that generate fluoride salts/acids, I feel that any rational person would want to discontinue the practice simply for economic reasons. Even if fluoride salts are harmless, they are clearly a waste of money!

Unfortunately...they are also *not* harmless. As detailed in this report (copy to be furnished at meeting):

http://fluoridealert.org/wp-content/uploads/10facts.pdf

...Fluoride interferes with brain function, and is demonstrated to lower IQ in 36 separate studies. It accumulates in the body and brain, leading to calcification of the pineal gland, disruption of the thyroid, and increased bone density/risk of fractures. It is correlated with increased Alzheimers, and increased bone cancer in Adolescent men. In fact, the MSDS (material safety data sheets) of every possible fluoride compound used in municipal fluoridation notes that they are known neurotoxins and carcinogens!

Also noted is that infants, those on dialysis, the elderly, and minorities in low-income areas have been demonstrated to be the most susceptible to the accumulated toxic effects of ingesting fluoridated water over time. To continue a policy of fluoridation is tantamount to saying that the vitality of these groups don't really matter.

Additionally, the rate of dental caries in low-income areas remains high and increasing, despite the water being fluoridated in the cities in which these low-income areas are found. Considering this in the context of the WHO graph showing no difference in dental caries in fluoridated countries, it is clear that the real culprit in the development of cavities is lack of resources and education. Just take a look at these figures:

**In (fluoridated) Detroit, 91% of 5-year-old black children have tooth decay, with 42% suffering from “severe” decay.

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In San Antonio, annual head start surveys show that fluoridation failed to reduce the high rate of tooth decay among the city’s head start children. After eight years of fluoridation, the tooth decay rate did not decrease--it increased.

**In (fluoridated) Chicago, 64% of third graders have tooth decay.

These facts are obviously very telling.

Furthermore, nrinety-seven percent of the developed world eschews water fluoridation, and it's clear why: There's no good reason to do it, unless you stand to profit from it, as do the companies that provide the hazardous waste that is used, and a multiplicity of reason why doing it is bad science, but beyond that, it is pernicious to the continued health of Madison (and elsewhere where it is practiced) residents.

The rational thing to do is not approve a new policy of once-per-decade review of fluoridation policy, but rather *immediately* acquaint all members of the water utility board and the Madison government and community at large, *admit* that the science is bad, *admit* that the substance has a *cumulative* toxicity over time, and cease water fluoridation *right now*. To not take steps in this direction, given the wealth of data supporting it and not the opposite, is not only unconscionable, but pernicious.

Further relevant info for review (copies to be furnished at meeting):

"50 Reasons to Oppose Water Fluoridation"
http://www.fluoridealert.org/wp-content/uploads/50-reasons.pdf

"Who Opposes Water Fluoridation?"
http://www.fluoridealert.org/wp-content/uploads/who_opposes_F.pdf

"The Case Against Fluoride"
http://www.fluoridealert.org/wp-content/uploads/proponent_claims.pdf

Alarming Quotes (List to be furnished at meeting):

National Research Council:

"It is apparent that fluorides have the ability to interfere with the functions of the brain."

"The possibility has been raised by studies conducted in China that fluoride can lower intellectual abilities."

"Fluoride is an endocrine disruptor."
"Several lines of information indicate an effect of fluoride exposure on thyroid function."

"Sufficient fluoride exposure appears to . . . increase the severity of some types of diabetes."

"The relationship between fertility and fluoride requires additional study."

"Further research on a possible effect of fluoride on bladder cancer risk should be conducted."

"These changes have a bearing on the possibility that fluorides act to increase the risk of developing Alzheimer's disease."

SOURCE: National Research Council. (2006). Fluoride in Drinking Water: A Scientific Review of EPA's Standards. National Academies Press, Washington D.C.

Individual Scientists:

"Virtually all authors have noted that some children could ingest more fluoride

from [toothpaste] alone than
is recommended as a total
daily fluoride ingestion."
- Dr. Stephen Levy, et al.,
Journal of Public Health Dentistry (1999).

"Fluoridation
goes against
all principles of
pharmacology.
It's obsolete."
- Dr. Arvid Carlsson,
Nobel Laureate in Medicine/Physiology.

Thanks for taking the time to review this critical public health issue. I'm confident that as rational adults we can together move in the right direction. I look forward to discussing this further at tonight's meeting.

Warm Regards,

Kevin O'Heron
[redacted]