

From: [Deming, Amy](#)
To: [Water Utility Board](#)
Subject: FW: Water Fluoridation
Date: Monday, August 24, 2020 10:07:34 AM

From: Deanna Wise <deanna.kaya@gmail.com>
Sent: Monday, August 24, 2020 10:07 AM
To: Water <water@cityofmadison.com>
Subject: Water Fluoridation

Caution: This email was sent from an external source. Avoid unknown links and attachments.

Dear Board Member,

I am writing to register my objection to the fluoridation of our city's water. I contract with a water service specifically to avoid ingestion of Madison's water because of its addition of fluoride. Reasons for my objection, in part, are outlined below:

Reason #1: Fluoridation Is an Outdated Form of Mass Medication

Unlike all other water treatment processes, fluoridation does not treat the water itself, but the person consuming it. The Food & Drug Administration accepts that fluoride is a [drug](#), not a nutrient, when used to prevent disease. By definition, therefore, fluoridating water is a form of [medication](#). This is why most western European nations have rejected the practice — because, in their view, the public water supply is [not an appropriate place to be adding drugs](#), particularly when fluoride is readily available for individual use in the form of toothpaste.

Reason #2: Fluoridation Is Unnecessary and Ineffective

The most obvious reason to end fluoridation is that it is now known that fluoride's main benefit comes from topical contact with the teeth, [not from ingestion](#). Even the CDC's Oral Health Division now acknowledges this. There is simply no need, therefore, to swallow fluoride, whether in the water, toothpaste, or any other form. Further, despite early claims that fluoridated water would reduce cavities by 65%, [modern large-scale studies](#) show no consistent or meaningful difference in the cavity rates of fluoridated and non-fluoridated areas.

Reason #3: Fluoridation Is Not a Safe Practice

The most important reason to end fluoridation is that it is simply [not a safe](#) practice, particularly for those who have health conditions that render them [vulnerable](#) to fluoride's toxic effects.

First, there is no dispute that fluoridation is causing millions of children to develop [dental fluorosis](#), a discoloration of the teeth that is caused by excessive fluoride intake. Scientists from the Centers for Disease Control have even acknowledged that fluoridation is causing ["cosmetically objectionable"](#) fluorosis on children's front teeth—an effect that can cause children embarrassment and anxiety at an age when physical appearance is the single most important predictor of self-esteem.

Second, it is [known](#) that fluoridated water caused severe bone disease in dialysis patients up until the late 1970s (prior to dialysis units filtering fluoride). While dialysis units now filter out the fluoride, research [shows](#) that current fluoride exposures are still resulting in dangerously high bone fluoride levels in dialysis patients and patients with

other advanced forms of kidney disease. It is unethical to compromise the health of some members in a population to obtain a purported benefit for another — particularly in the absence of these vulnerable members' knowing consent.

And, finally, a growing body of evidence reasonably indicates that fluoridated water, in addition to [other sources](#) of daily fluoride exposure, can cause or contribute to a range of serious effects, including [arthritis](#), damage to the developing [brain](#), reduced [thyroid](#) function, and possibly [osteosarcoma](#) (bone cancer) in adolescent males.

I do hope, therefore, that you will make the brave decision to discontinue the fluoridation of Madison's water.

Sincerely,

Deanna Wise
2846 Interlaken Pass
Madison, WI 53719

Sent from [Mail](#) for Windows 10