

185612

Parsons, Susan

From: emilydixonprice@gmail.com on behalf of emily dixon price [emily@dixonprice.net]
Sent: Tuesday, September 11, 2012 12:15 PM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: Re: No to Fluoridation of our water
Sam, Amanda, Nick, Randy, & Dan,

Per the United Nations, "access to safe [uncontaminated] water is a fundamental human need and, therefore, a basic human right." As a 34 year old who has lived in Oregon for all but ten of those years, I have always been proud of the purity of our drinking water. Portland is not like every other big town across the country - and that's why we love it here. I would like you to reconsider adding fluoride to our water.

As you may know, the consumption of fluoride has been linked to health issues, including to hip fracture in the elderly, depressed thyroid function, lowered IQ in children, and bone cancer in boys. If you've not heard of these potential detriments, you can read more here:
<http://safewateroregon.org/fluoridation.html>. Our government has made mistakes before - by allowing lead in paint, asbestos in building material, mercury in vaccinations. We can't be certain that ingesting fluoride is healthy.

Even if you discount or disagree with this research, there are other ways to get fluoride into the teeth of those who want it. Fluoride, like any other supplement, should be a personal decision. You make take calcium daily - I don't. I take Vitamin D daily - you may not. I would like to retain my right to choose whether or not I want fluoride in my body.

Please choose to keep our drinking water clean. Make the right decision for Portland. Allow me to make my own decision on fluoride.

Sincerely,
Emily Dixon Price

--
Emily Dixon Price
325 NE 69th Avenue
Portland, Oregon 97213
503.816.9586

9/11/2012

Parsons, Susan

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From: jennifer cline [mailto:change.org]
Sent: Tuesday, September 11, 2012 2:09 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

The info being used for this is out dated. Portland is not stupid! The EPA had announced how harmful this is and is now working towards removing fluoride from water. Do not take a step back in time. If city council was concerned about the people then they would educate the citizens on the harmful effects of white sugar and flour!

jennifer cline
Molalla, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

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Parsons, Susan

From: Raquel Bournhonesque [raquel@upstreampublichealth.org]
Sent: Tuesday, September 11, 2012 11:51 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: testimony attached for public record - in support of water fluoridation
Attachments: Raquel's Testimony.docx

Hello Mayor, Commissioners, Karla Moore-Love
Please find my testimony attached for the public record in support of water fluoridation.

Thank you for all of your support,

Sincerely,

Raquel Bournhonesque

Raquel Luz Bournhonesque, MPH Co-Director at Upstream Public Health
raquel@upstreampublichealth.org | office 503-284-6390

**EVERYONE DESERVES
HEALTHY TEETH**

Everyone Deserves Healthy Teeth Coalition | website
everyondeserveshealthyteeth@gmail.com | 971.258.1764

Good afternoon Mayor, Commissioners

I'm Raquel Bournhonesque, the Co-Director of Upstream Public Health where our sole mission is to work to improve the health of all Oregonians.

The Everyone Deserves Healthy Teeth coalition is the broadest, most diverse coalition that has ever formed around any health issue in the Portland area. More than two years ago, when Upstream and partners began working on addressing our dental health crisis, we never imagined that we would grow into a coalition of 79 organizations including education, health, and social justice groups –

We are joined by

-Social justice organizations like Urban League, APANO, Oregon Latino Health Coalition, Latino Network, and Coalition of Communities of Color

-Children's and education groups such as Albina Head Start, Children's First for Oregon, and OEA Choice Trust –

-And we are joined by health systems including: Kaiser Permanente, OHSU, Providence, and Health Share of Oregon.

Over these last two years we reached out to community leaders and organizations and had hundreds of meetings across Portland with parents, teachers, community groups, pediatricians, and emergency room doctors. We were shocked by the stories we heard and depth of the dental health crisis.

Coalition partners have been 1) gathering dental health narratives from the community, 2) compiling the credible research, 3) developing concise materials, and 4) last month we launched a website to serve as a clearinghouse of information, all to provide the public with the credible science, communicate the overwhelming benefits of water fluoridation, and clear up the many misconceptions. There is also a great conversation going on about this online and in the media and the 80 organization's in our coalition have been sharing information with the public.

This has been a remarkable community-driven and community-led effort – and this coalition is saying –we have a dental health crisis here in Portland, and water fluoridation is the safe, effective, affordable answer. It's time to give Portland's children an equal shot at good dental health. We know there are some who disagree. We know there are people still learning about fluoridation's unequivocal safety, and effectiveness. But it's irresponsible to delay.

Fluoridation is first and foremost an issue of social justice. Behind all the statistics about dental disease, there are children who are living in pain. There are adults struggling to get a job with missing front teeth. And there are elderly people trying to get proper nutrition missing their set of teeth. Enough is enough. Let's put in place the solution that every credible health authority in the country is behind. It is time to fluoridate our water.

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Parsons, Susan**From:** Arlene Goetze [photowrite67@yahoo.com]**Sent:** Tuesday, September 11, 2012 11:39 AM**To:** Moore-Love, Karla; Gonzalez, Cevero**Subject:** More fluoride in food than water**Dear Portland officials:**

1. There is more fluoride in our food than in our water. In 2004 the USDA released studies on 405 foods and beverages giving amounts of fluoride, both in baby and adult food. These amounts add up to 3 to 5 times the amount you get in drinking water. (Comes from fluoridated cities processing and irrigating our food and beverages..so all US must eliminate fluoridation.)

2. IN 2006 Amer. Academy of Pediatric Dentists said babies should not have fluoridated water in their formula..it gives them 100 to 200 times amount of fluoride in breast milk. Not good.

3. 41% of kids today have fluorosis in permanent teeth (stains that can't be removed)

4. Harvard U last month released study that agrees with 26 from China that children drinking high fluoride water have significantly lower IQs. Previous studies in Europe and US show 400,000 kids have lower IQs.

Surely these new and unknown developments prove that putting fluoride in water is useless and dangerous.

5. Since only 2% of water is for drinking then 98% goes down toilets, washing machines, showers, businesses, landscaping and organic gardens (no gardener knows this either). So 98% of fluoride goes where it is illegal to put it and 98% of your cost is totally wasted and adds to environmental destruction.

Maybe you all know these facts...but anyone who does, cannot vote for fluoridation.

The reason fluoride can do no harm is because it was classified as an essential ingredient in making the ABombs in the 40s. Workers were killed, burned, injured (like my dad) in Niagara Falls and elsewhere....farms were ruined and animals killed near aluminum plants....so fluoride was classified. Anyone who proved it did harm was fired, lost jobs, grants and position.

Info was declassified in 1990s and thus we now know the story.

FDA has never approved fluoride (hydrofluorosilicic acid is type now used)

46 suppliers cannot certify it is safe either.

But we are all overdosed from our food.....and that is the killing point in this argument. Our thyroids, pineal glands, enzymes, bones, teeth and joints of Americans prove it.

ARlene Goetze, MA, writer/researcher on health for 45 years

I worked on fluoridation in Portland in 1956 when I worked for Tom Lawson McCall.

It was wrong then and is worse today.

in Sunnyvale CA photowrite67@yahoo.com 408.245.8663

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Parsons, Susan

From: Johanna Rayman [johanna@johannarayman.com]
Sent: Tuesday, September 11, 2012 11:35 AM
To: Moore-Love, Karla; Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Subject: Fluoridation

Hello,

This letter is to the City Council and Mayor about the fluoridation issue. In the past I have been concerned about the possibility of adding fluoride to public water, but did not feel very strongly about it. After receiving this information that appears to be well-researched (see below), I feel strongly about it. We should not be adding fluoride to the water.

I am making this statement with a lot of thought. I am a social worker with a long supportive relationship with Sisters of the Road and am currently a psychotherapist and see many people who are low-income, and most of them are uninsured. I am especially concerned that by putting fluoride in the water we have done our duty by the poor people and can pat ourselves on the back for thinking of them. But this is just crumbs, and it appears it may even be harmful. If we really care about people's dental health (and we should), we will find ways for them to actually receive dental care and education and materials so they can practice good dental hygiene. Having a single-payer, universal health care in our country comes to mind. I realize that as a city our options are limited in this regard, but why can't we spend fluoride money on something more practical, like a dentist in every county health clinic? I used to work for the 45th St. Clinic in Seattle and we had a dental clinic there - it was such a valued service to our low-income patients.

The other reasons for not fluoridating - that it may be toxic to someone who is already exposed to fluoride in other ways, that the source of fluoride you are planning to use is considered hazardous waste, that there is data demonstrating that fluoridation does not lead to a lower incidence of dental caries - are also very important to me. I don't want it in my water and I am a very patriotic drinker of tap water (which by the way most of my low-income clients are not). But the single thing that jumps out at me as someone who cares about social justice is that this seems like a "greenwashing" of the issue of dental care for the poor, designed to make people with resources feel good about themselves without having to really do something to help anyone.

I trust the City Council to vote against adding fluoride to the water, or at least to defer it to the community to decide for ourselves.

Thank you for listening,

Johanna Rayman

Johanna Rayman, GCFP, LCSW
Guild Certified Feldenkrais Practitioner cm
Licensed Clinical Social Worker
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9/11/2012

----- Original Message -----

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Subject:Fluoridation info and a petition from a fellow practitioner/ citizen**Date:**2012-09-05 14:27**From:**Karen Scott <gabesboba@yahoo.com>

To:"basja.samuelson@gmail.com" <basja.samuelson@gmail.com>, Bo O <callmebo@hotmail.com>, Brenda Jacobs-Jones <brendajj@me.com>, Carol WW <tatanawind@aol.com>, Char Breshgold <charbgold@gmail.com>, "Chris Bennett &Martha Taylor" <tayben7@gmail.com>, Amanda <adingle75@yahoo.com>, Dakota <dakota.pdxtrainer@gmail.com>, Daren_and_Elaine <hamihome@mac.com>, Don Hicks <donallenhicks@gmail.com>, Eljay_Marisa <eljay_marisa@comcast.net>, Floreid Walker <walkerflrd@aol.com>, Maureen <greenstripes3@mac.com>, Johanna <johanna@johannarayman.com>, Kenny Asher <asher22@comcast.net>, Laura La Rosa <dharmaally@yahoo.com>, margaret schilling <margaretslpc@gmail.com>, ConnieAndBrad <mcdonald1950@comcast.net>, Melberto <honeymel24@hotmail.com>, Melissa Johnson <mellfj@yahoo.com>, Mike Burton <dancinmike1@hotmail.com>, mike banks <mcbanx@hotmail.com>, Mike and Arlene Popp <popps5@msn.com>, Nadine <nmcoseo@bpa.gov>, Nancy Walpole <ncwalpole@gmail.com>, papi <ealvelo66@yahoo.com>, "pederson@spiritone.com" <pederson@spiritone.com>, Reyna G <reynagvanp@yahoo.com>, sarah martin <sarah_la_blush@hotmail.com>, Shannon Schilling <Shannon_Schilling@beavton.k12.or.us>, Shannon Schilling <Shannon_Schilling@beaverton.k12.or.us>, Timothy Smith <alveloboy1@yahoo.com>, Linda frm wk <blondescientist@gmail.com>, Chris Lord <drlord@cdlchiropractic.com>, Deborah Carlson <djdolphin36@msn.com>, Florence Jessup <fjessup@comcast.net>, Mary <lewis810@yahoo.com>, Vanessa Huntley <thebodhitree@comcast.net>

Please read the information below and sign the petition to get fluoridation issue on the ballot so we can vote on it.

Personally I believe we have enough chemicals in our water, adding a known toxin to it seems just plain wrong, but that's just my opinion.

I apologize if you are receiving this and you do not live in the Portland city limits (chances are if you are in a city that borders Portland at some point you are exposed to Portland water).

~ks

From: "kellie Barnes"**To:** "kellie Barnes"**Sent:** Tuesday, September 4, 2012 7:47:30 PM**Subject:** last e-mail , PLEASE READ the below details. You might find them interesting. E-mail or sign petition if you desire further communication. Thanks.

Hello Everyone, Please read the information below in detail. I, and a few others, have spent a good bit of time this weekend in order to provide talking points, and more importantly references regarding the risk of water fluoridation for the upcoming City Council meeting this week. Please do read for yourself. I think you will find the references surprising and understand in more depth why this discussion is important to me personally as a mom, a healthcare provider, and a citizen.

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Also do note Commissioner Leonard is on record as asking PWB to push this ordinance through without a public vote in 2014. I kid you not, see the link below. Time is of essence folks, PLEASE READ IN DETAIL, cut and paste as you desire, contacts are provided below as well for the City Council.

And last but not least, I do respect your desire to not receive any unwanted e-mail. If you wish to receive current information regarding this topic, please sign the petition below and communication will come directly from me via the Change.org Petition site. (Your setting must be set to accept e-mail). Or sign up directly to www.cleanwaterportland.org, where advocates for clean water are sharing communication and strategies. Feel free also to send me a direct e-mail, and I will place you on a list of recipients to receive e-mails from me directly. I simply wish to allow you the choice in whether you wish to receive current information regarding the topic of water fluoridation in Portland.

Sincerely,

Kellie Barnes MOMT, MPT

SEE BELOW:

<http://www.change.org/petitions/mayor-adams-petition-for-public-review-of-portland-water-supply-fluoridation>

TO ALL CONCERNED ABOUT PORTLAND'S SAFE DRINKING WATER:

Thank you for signing my petition via Change.org. I will be sending a few messages over the upcoming days to assist in sharing information, and in effort to keep you each informed of the upcoming city council meetings, protests, and current news relevant to this topic.

Please feel encouraged to read through these details, there is a lot of information and data to understand and share. In focusing people's attention to this issue, and providing data references, there are many important considerations in how one communicates. In the past my primary concern and communication has centered around the source of fluoride, total exposure to fluoride, and the evidence that supports fluoride as a post-eruptive benefit not a systemic benefit. With the assistance of a prior Oregon Citizens for Safe Drinking Water (OCSDW) Executive Director, Lynne Campbell, I have included references for your review.

I do recognize that writing some separate 15 talking points, is... well... a bit much. However, it is my hope that with this you will have accessible references and the ability to choose the points that most concern you regarding the topic of water fluoridation in Portland.

PLEASE DO TAKE ACTION:

It is imperative that e-mails be sent to the Commissioners and the Mayor. (E-mail addresses are provided below for your convenience).

Call their office, leave messages, and if at all possible come and testify to the council this **Thursday September 6th**. Sign up sheets will be placed outside at 12:00, with testimony beginning at 1:00pm. Those invited as guest speakers in support of fluoridation will start. Those in opposition will be speaking intermittently with those in favor beginning around 1:45 or 2:00pm. They expect a crowd, and each testimony is to be only 2 minutes long. The council meeting will adjourn by 7:00pm. They do not expect everyone to get an opportunity to speak, so come early to get in line if you feel strongly about this issue. I plan to be there by 10am or so. In addition, if you cannot attend in person, you can forward your written testimony to the council by 9/11/12 to be considered prior to the council voting on 9/12/12 on this ordinance.

MOST IMPORTANTLY:

With your correspondence please **include Clerk Council, Karla Moore-Love with a cc**. She has informed me on two occasions that comments, e-mails, testimony etc. are not a part of guaranteed public record without her directly receiving a copy. Her e-mail is karla.moore-love@portlandoregon.gov.

FIRST AND FOREMOST:

9/11/2012

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According to an Oregon Live article posted 8/31,

Commissioner Leonard is on record as "requesting that the Portland Water Bureau (PWB) complete compliance of his proposed ordinance (not yet voted on) for adding fluoride to Portland's water two months before the November 2014 election period." (See <http://topics.oregonlive.com/tag/fluoridation/index.html>)

Note, this timing is important, as those opposing water fluoridation in Portland have suggested that if the council votes for fluoridation, they will gather 30,000 signatures to place the issue of whether to fluoridate or not fluoridate on the first available ballot..... in 2014.

This indicates, to me, a few issues. First and most importantly Commissioner Leonard, and the city council, if they vote in agreement on 9/12/12 will be by-passing our consent, and our right as citizens to fully participate in this decision.

Whether you support water fluoridation or do not, I feel we can all agree that we value our democracy and right to choose. The suggested time to implement such a program was five years, and a quickened process was estimated at three years. Such a suggestion per Commissioner Leonard to speed up the implementation to approximately two years indicates awareness that we the citizens of Portland do not support such a program due to growing scientific concerns of community health risks.

Commissioner Leonard and other council members, if they approve this ordinance, are bypassing our right to consent.

In communicating with a friend recently she eloquently shared the following words with me. I believe they hold true for many of us.

"Why are we as neighbors, at best, placed in a situation where we are voting on medication for our neighbors? Would we tolerate forcing others to ingest any other drug? For me, it is entirely inappropriate, if a slight bit better. then having it forced on us by our city commissioners and mayor especially when the drug is contaminated with arsenic and lead and lacks FDA approval."

Please write the city council members and let them know you strongly oppose a city ordinance for water fluoridation, and to do so without a public vote is **not negotiable**. That Commissioner Leonard's proposal to complete such implementation of a program through the Portland Water Bureau before November 2014 is unacceptable, against public consent, and against our basic democratic rights.

INFORMATION TO SHARE:

1. Please get all the facts before rendering a decision.

We the citizens of Portland are informed and educated around this topic. We have observed a disconnect between promoters' characterization of water fluoridation and what extensive research into the issue—including review of medical/dental journals and various USPHS and other government documents—show. We have voted down fluoridation repeatedly. We expect our legislators and Portland Commissioners to take the time to review the issue, weigh the evidence, and make an informed decision to, at the very least send the issue to voters. We believe there is a need for a less biased, more complete picture of what fluoridating drinking water actually means.

2. Dental Health is important, but systemic fluoridation is not the answer to a topical need.

City Council should know we care about the under insured and their dental health. That we support Portland's desire to assist those in need through outreach programs that include education, nutrition, oral hygiene, and free dental clinics for those most in need. These dental clinics could also provide "topical dose specific" fluoride targeting the community in need, more specifically.

Note the CDC states definitively that "fluoride's predominant effect is posteruptive and topical..." (1) Stated another way, the benefit is not from swallowing the fluoride, but applying it directly to the tooth.

City Council, health care organizations, and our health care providers that endorse fluoridation, can

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develop outreach programs for communities at risk. The cost to implement such a systemic water fluoridation program could be more cost effective if targeted at populations and communities at risk as well as providing age appropriate and dose appropriate topical care.

Ask yourself does it make sense to have a "one dose fit all" approach, for an entire city population? What about consideration for those at risk due to high exposure of fluoride in bottled beverages and other foods such as those contaminated with fluoride-based pesticides?

3. The source of fluoride is a critical component of the system.

Serving the under insured should not have to occur through systemic water fluoridation programs using hydrofluorosilicic acid also called fluosilic acid.

Many of those in support of water fluoridation are not aware of the source of fluoride used in these programs. Supporters also will characterize those of us concerned about this topic, as environmentalists without awareness of science or as extremist in perspective.

Ask yourself, is it extreme to be concerned with NSF, International, the private organization involved with fluoridation product certification to "voluntary" standards confirms, through its own testing, co-contamination of lead and arsenic in the product? (See reference below).

4. Not all fluoride is alike

Most typically, promoters describe fluoridation as follows: "Fluoride is a mineral that occurs naturally in water. Water fluoridation is simply the upward adjustment of fluoride to an optimal level for reducing tooth decay. It is both safe and effective."

City Council should be aware:

That although fluoride "occurs naturally" in water as does arsenic, like arsenic, it is toxic and subject to regulation by EPA as a "contaminant." (2) EPA's regulatory authority over fluoride is as a contaminant only; in its own words, EPA has no authority over water additives, including chemicals used for fluoridation. (3)

That promoters' proposed "adjustment" of fluoride to an "optimal" level will be accomplished, not with naturally occurring calcium or magnesium fluoride, but with the considerably more toxic, untreated, fluoride-rich waste products of the phosphate fertilizer industry. (4) (Many professionals question how an "optimal" concentration can deliver an "optimal" dose to each and every individual considering dramatic variances in our exposure to fluoride from other sources and the amount of water we each consume.)

That these "products," namely **hydrofluorosilicic acid and its salt forms, sodium fluorosilicate and sodium fluoride, are classified as hazardous wastes (5) and cannot legally be disposed of in the air, rivers, lakes, ocean, or on land**, but by marketing them as "products" for a "health benefit," they are being diluted into public water systems (saving industry expensive disposal at a Class 1 hazardous waste facility).

That, according to the American Water Works Association, **people ingest less than 1 percent of treated water, meaning most of this toxic waste ends up in the very environment industry is prohibited from polluting directly.**

That hydrofluorosilicic acid is so corrosive, and will so lower the pH of our water, that buffering chemicals will need to be added to water along with the fluoride.

That responding to Congressional inquiry (12/21/2000), FDA has confirmed that, when ingested for prevention/mitigation of tooth decay, fluoride is not just some mineral, but a drug under FDA regulation, one it has never reviewed or approved for that purpose. (6) In other words, the so called "health benefit" providing the **loophole that allows the fertilizer industry to dispose of its toxic waste in drinking water has never been confirmed by the only agency given by Congress the authority to do so—FDA.** (7) confirmed a host of contaminants in the product (after dilution in water), showing as much as 1.66 parts per billion arsenic. Product, NSF says, is not tested per batch, but just once per year. (8)

5. There is no known safe dosage

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We are concerned about the source of fluoridation being proposed for Portland's water fluoridation program. One should recognize the growing body of scientific evidence questioning the practice of adding fluoride in the forms of silicofluoride and fluosilic acid to water programs. Please note that prior recommended dosage from the U.S. EPA ranged from 0.7 to 1.2 parts per million (ppm). This was recently downgraded to a maximum of 0.7 ppm due to growing concerns of risks to communities including the risk of dental fluorosis.

6. The source proposed has never been approved by the FDA for systemic use.

We are aware that hydrofluorosilicic acid is a liquid most likely sourced from Solvay, per David Shaff's office of the Portland Water Bureau. **Solvay is a major agrochemical producer.** The compound is a result of extensive phosphate fertilizer production, and combined with sodium fluorosilicate make up 90% of our nation's systemic water fluoridation programs. Hydrofluorosilicic acid has never been scientifically proven to prevent tooth decay, **nor has it been approved by the FDA for systemic use.**

7. Topical application is not the same as systemic application

Even those that are in support of fluoridation programs are in support of topical application, not systemic. The literature from the American Dental Association's own journals are clear that application is most successful topically and not systemically.

Although no randomized, controlled studies have ever been done on fluoridation (which would help to prove its safe use), the largest ever survey conducted to date, done by the National Institute of Dental Research in 1986-7 (over 39,000 children in 84 geographical areas), found only a tiny difference in tooth decay between the always- and never-fluoridated groups of children (less than one out of approximately 120 tooth surfaces saved), but a significant difference in the incidence of dental fluorosis, permanent damage to teeth from **overexposure to fluoride during tooth development.** Of the "optimally" fluoridated group, 29.9 percent had fluorosis compared to 13.5 percent in the non-fluoridated children. (9)

8. International recommendations are against systemic application

We are aware the **International Academy of Oral Medicine and Toxicology** does not endorse water fluoridation programs due to fluorides ability systemically to inhibit enzymes and interfere with collagen health. (10)

Credible, recent, peer-reviewed science raises legitimate questions over adverse health effects, even at the so-called "optimal" level, with a focus on **bone pathology (including osteosarcoma and increased hip fracture in the elderly), kidney, thyroid, and brain damage.** As much as promoters want to dismiss concerns, the science is by no means settled and trends toward more concerns, not fewer.

For complete references and more information regarding systemic fluoridation and health risk visit the Fluoride Action Network, www.fluoridealert.gov. (11)

9. Other developed Countries have found better more cost effective solutions.

Other developed countries such as those in Europe, do not have water system fluoridation programs due to growing concern of systemic illness and lack of cost effectiveness. Some provide, for those who desire fluoride in systemic form, **table salt with fluoride additive**, thereby supporting their citizen's right to choice and informed consent while keeping costs at a minimum.

10. New concerns continue to appear.

We are aware that there is a just published, Harvard meta-analysis showing reduced IQ due to systemic water fluoridation programs and total fluoride exposure. (12) Below is a summary of some of the study findings forwarded from a colleague.

"Several of the studies had a "low F" group with around 0.5 mg/L and a "high F" group with 2-3 mg/L. These levels are so close to the F levels in artificial fluoridation, that it is completely wrong for Pew to suggest these studies only dealt with levels of F that are much higher and therefore irrelevant to artificial fluoridation.

Even if the effect is relatively small, and most of the studies had deficiencies, the fact that by 10 to 1 they found that the "high F" group had lower IQ than the "low F" group suggests this is likely to be a real effect. Since the studies were carried out in many different places, using different methods and researchers, it is hard to imagine a systematic bias in all of these studies that would result in all of them

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producing spurious findings that F lowers IQ. Also, only a single study found that "high F" kids had higher IQ than "low F kids", and that was by a very small amount that was not statistically significant. Such consistency in results amongst 27 studies demands a follow-up with higher quality studies, rather than a dismissal because the studies had various weaknesses."

11. Medicating water causes risks to those with chemical sensitivities

Those in our community with multiple chemical sensitivity (MCS) have been recommended by their physicians to avoid fluoride in water, a known incitant. We are aware fluoride can only be filtered with reverse osmosis filtration devices. These devices filter approximately 93% of fluoride and do not work for shower or baths. They are expensive and are likely outside of financial means for the under insured who desire healthy teeth but not systemic fluoride sources that may put them at risk.

The American Academy of Environmental Medicine explains MCS as "a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population." Fluoride-containing water is considered an incitant. <http://www.aaemonline.org/chemicalsensitivitypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that "fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies," and that they support "banning the addition of fluoride or products containing fluoride to public water supplies." <http://www.aaemonline.org/images/FluorideResolution.pdf>

12. Fluoride application, dosage, and placement in water is complex and not truly controllable.

Dosage is variable and not easily controlled. Some of our citizens will ingest more than others, depending on their water consumption and absorption. Total fluoride exposure is difficult to determine, based on lack of fluoride labeling on foods and beverages.

13. Fluoride added to our water supply is not a nutrient it is a known toxic substance (see MSD sheets) and has never been approved by the FDA for the ingestion purpose of reducing tooth decay.

Consumers will ingest fluoridation products entirely at their own risk. NO ONE is responsible/liable for harm. Manufacturers of these chemicals will not stand behind their products as either safe or effective for the purpose for which they are added when used as directed. Here's the disclaimer that appears on the MDS sheet for one of the largest suppliers in the U.S., Mosiac: The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. This information and product are furnished on the condition that the person receiving them shall make their own determination as to suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof. The conditions and use of this product are beyond the control of Mosaic, and Mosaic disclaims any liability for loss or damage incurred in connection with the use or misuse of this substance. (13)

14. Systemic dosages are already occurring in hard to control and damaging amounts. Children (all of us, actually) are already receiving significant doses of fluoride from foods and beverages.

Here are a few important examples:

- This dental journal study looked at 43 different fruit juices and found that 42 percent of the samples had more than 1 part per million fluoride (the current, newly revised recommendation for drinking water is less than that—0.7 ppm). Gerber white grape juice tested out highest at 6.80 ppm, or nearly 10 times the current recommended level for water! (14)

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- This dental journal study looked a fluoride levels of 332 soft drinks and found they "ranged from 0.02 to 1.28 ppm, with a mean level of 0.72 ppm. Fluoride levels exceeded 0.6 ppm for 71 percent of products." (15)

- This peer-reviewed study looked at fluoride levels in mechanically deboned chicken products and found: "A single serving of chicken sticks alone would provide about half of a child's upper limit of safety for fluoride." (16)

Fluoride exposure has become so ubiquitous, dental fluorosis (DF) rates are out of control. This permanent damage to teeth, downplayed by dentists as "merely cosmetic," is defined by Taber's Medical Encyclopedia (2001 edition) as "chronic fluorine poisoning, sometimes marked by mottling of tooth enamel." Even proponents admit that in **its more severe forms, tooth functionality is compromised.** Pitted enamel leaves a tooth vulnerable to decay, and fluoresced teeth are more brittle and prone to fracture.

The scientific literature shows that fluorosis causes embarrassment and psychological harm (see <http://www.slweb.org/bibliography.html#DFperceptions>).

Based on the CDC study referenced next, we can expect 2-5 percent of Portland's child population to experience the moderate-to-severe form of this damage.

That the CDC's most recent research (2005) found 41 percent of 12-15 year-olds in the U.S. affected by dental fluorosis. (17) That fluorosis disproportionally affects some ethnic groups: CDC's study found among (1) White, (2) African American and (3) Mexican Americans, the percent of children with "very mild fluorosis" was 14.09, 21.21 and 15.93 respectively; percentages with "mild fluorosis" were 3.87, 8.24 and 5.05 respectively, and with "moderate/severe fluorosis," 1.92, 3.43 and 4.82 respectively. (17) This inequity, plus science identifying people with diabetes and kidney disease as "populations unusually susceptible to the toxic effects of fluoride," (18) has prominent African Americans, including former ambassador Andrew Young and Bernice King (daughter of MLK, Jr) calling for an investigation into and halt of water fluoridation. (19)

15. This is not a racial or underserved issue

those in support of water fluoridation programs are making this an issue of race. City Council members should support all communities in need, and of all race, color, and heritage. Each and everyone of us is dependent on safe drinking water for health. We the citizens of Portland, regardless of race, do not appreciate adding a **known toxin to all water** and we do wish to support those most at risk with cheaper and more topical and choice based options.

16. Systemic fluoridation does not sufficiently provide better dental health

Hawaii, the least fluoridated state in the U.S. at 8.4 percent of the water systems fluoridated (20) has, according to CDC statistics, the lowest rate of edentulism (tooth loss) in the country, at 16 percent. (21) Kentucky, with public water systems fluoridated at 99.8 percent, has the highest rate of tooth loss at 44 percent. This is contrary to what we would expect based on promoters' rhetoric.

Please call and e-mail our Commissioners and Mayor. Remember to cc Council Clerk Karla Moore-Love so your comments can be part of public record.

karla.moore-love@portlandoregon.gov.

Sam Adams, Mayor

Commissioner of Finance and Administration
City Hall @ 1221 SW 4th Avenue, Room 340, 97204
Phone: (503) 823-4120
E-mail: mayorsam@portlandoregon.gov

Amanda Fritz

Commissioner of Public Utilities, Position Number 1
City Hall @ 1221 SW 4th Avenue, Room 220, 97204

Phone: (503) 823-3008
 E-mail: amanda@portlandoregon.gov

185612

Nick Fish

Commissioner of Public Works, Position Number 2
 City Hall @ 1221 SW 4th Ave, Room 240, 97204
 (503) 823-3589
 e-mail: Nick@portlandoregon.gov

Randy Leonard

Commissioner of Public Safety, Position Number 4
 City Hall @ 1221 SW 4th Avenue, Room 210, 97204
 Phone: (503) 823-4682
 E-mail: randy@portlandoregon.gov

Dan Saltzman

Commissioner of Public Affairs, Position Number 3
 City Hall @ 1221 SW 4th Avenue, Room 230, 97204
 Phone: (503) 823-4151
 E-mail: dan@portlandoregon.gov

Thank you,

Kellie Barnes MOMT, MPT
 OCSDW Volunteer

REFERENCES:

CDC, MMWR, 8/17/01/Vol.50/No.RR-14, "Recommendations for Using Fluoride to Prevent and Control Dental Caries in the United States"; <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5014a1.htm>

EPA's National Primary Drinking Water Regulations; <http://water.epa.gov/drink/contaminants/index.cfm#Inorganic>; Maximum Contaminant Level (MCL) is the enforceable level; the Maximum Contaminant Level Goal (MCLG), which is non-enforceable, is the public health goal, in EPA's words, "The level of a contaminant at which there would be no risk to human health."

EPA letter to House Committee on Science, 6/23/99: "EPA does not regulate drinking water treatment chemicals." http://www.keepers-of-the-well.org/product_pdfs/EPA_response_6.99.pdf; full document: http://www.keepersofthewell.org/gov_resp_pdfs/EPAresponse1.pdf

Phosphorous & Potassium, September/October 1979 No. 103, pp. 33-39, Fluorine recovery in the fertilizer industry - a review by H.F.J. Denzinger, H.J. Konig and G.E.W. Kruger; see especially the first two paragraphs: <http://www.fluoridealert.org/phosphate/denzinger.htm>

Fluoridation chemicals are classified as hazardous wastes: http://www.keepers-of-the-well.org/product_pdfs/Fluorides_Classified.pdf

FDA letter to House Committee on Science, 12/21/2000: http://www.keepersofthewell.org/product_pdfs/FDA_response_pt.pdf

EPA letter, 4/2/98; http://www.keepersofthewell.org/product_pdfs/EPA_ltr_to_Glasser.pdf

NSF, International letter to House Committee on Science, 7/7/2000 documenting contamination in the fluoridation product, see pg 7. http://www.keepersofthewell.org/gov_resp_pdfs/NSF_response.pdf

Heller KE, et al (1997). Dental caries and dental fluorosis at varying water fluoride concentrations. Journal of

Public Health Dentistry 57(3) 136-143 http://www.keepersofthewell.org/diligence_pdfs/Heller_and_Eklund.pdf; see 3rd to last paragraph, pg. 139

EPA's National Primary Drinking Water Regulations; <http://water.epa.gov/drink/contaminants/index.cfm#Inorganic>

International Academy of Oral Medicine and Toxicology. www.iaomt.org/

Fluoride Action Network. www.fluorideactionalert.org

Choi A, et al. (2012). Developmental Fluoride Neurotoxicity: A Systemic Review and Meta-Analysis. National Institute of Health. <http://dx.doi.org/10.1289/ehp.1104912>

Mosaic MDS for fluoride product (scroll to bottom of document):

http://www.mosaicco.com/images/Hydrofluosilicic_Acid_05_11.pdf; Solvay LLC's disclaimer here:

<http://www.scribd.com/doc/39616609/Fluorosilicic-Acid-Hydrofluosilicic-Acid-HFS>

McDonagh M, et al. (2000). A Systematic Review of Public Water Fluoridation. ("The York Review.") NHS Center for Reviews and Dissemination. University of York. September 2000; <http://www.york.ac.uk/inst/crd/fluorid.htm>

Fluoride in Drinking Water: A Scientific Review of EPA's Standards, National Academies Press, 2006. See pg. 24, re sources of fluoride. Link to full report of the NRC panel: http://www.nap.edu/openbook.php?record_id=11571

JADA, 1996. "Fluoride levels and fluoride contamination of fruit juices."

<http://www.ncbi.nlm.nih.gov/pubmed/1815742>

JADA 1999 study: "Assessing fluoride levels of carbonated soft drinks."

<http://www.ncbi.nlm.nih.gov/pubmed/10573939>

Agric Food Chem, 2001: "Fluoride content of foods made with mechanically separated chicken."

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Prevalence and severity of dental fluorosis in the United States, 1999-2004;

<http://www.cdc.gov/nchs/data/databriefs/db53.htm>

CDC study, Beltrán-Aguilar et al; Surveillance for Dental Caries, Dental Sealants, Tooth Retention, Edentulism, and Enamel Fluorosis—United States, 1998-1994 and 1992-2002; MMWR, 8/26/05;54(03);1:44. See very end, Table 23. <http://www.cdc.gov/mmwr/preview/mmwrhtml/ss5403a1.htm>

A Toxicological Profile by the U.S. Dept. of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry (ATSDR) TP-91/17, Page 112, Sec. 2.7 (Health Impacts), April 1993;

http://www.keepersofthewell.org/diligence_pdfs/Susceptible_populations.pdf

"Atlanta Civil Rights Leaders Call for Halt to Water Fluoridation," 4/14/11;

<http://aaenvironment.blogspot.com/2011/04/atlanta-civil-rights-leaders-call-for.html>

CDC, Fluoridation status by state: <http://apps.nccd.cdc.gov/nohss/FluoridationV.asp>

USHHS, Edentulous rates by state: <http://drc.hhs.gov/report/pdfs/section4-toothloss.pdf>

185612

Parsons, Susan

From: Holly Spruance [hs@oeachoice.com]
Sent: Tuesday, September 11, 2012 11:33 AM
To: Moore-Love, Karla
Cc: Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoridation testimony
Attachments: Testimony Holly Spruance - OEA CT.docx

Thank you so very much Mayor and City Commissioners for your time and listening to all the testimonies September 6th, 2012. Attached is a written version of my testimony.
Please vote yes for Fluoridation of Portland's water. You will be making a difference in the lives of many.

Sincerely,

Holly Spruance

Director of Programs and Operations

OEA Choice Trust

503.620.3822 (Tigard)

503.799.9922 (cell)

800.452.0914 (toll free)

hs@oeachoice.com

Be part of our Journey to Wellness! Find out more about it at

www.oeachoice.com

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Parsons, Susan

From: Diane Russell [diane@dianerussell.net]
Sent: Tuesday, September 11, 2012 11:19 AM
To: Commissioner Fritz
Cc: Moore-Love, Karla
Subject: Fluoride in Portland

Commissioner Fritz,

I am asking you to please reconsider your support of adding fluoride to Portland's water. I believe we don't know enough about the long term effects on the environment. What will it do to fish and wildlife? How will it affect food crops? And since 99% of our water use is not for drinking, it also seems like a waste of money (and fluoride). When my children were in school, there was a program in which fluoride tablets were given to the children at school, free of charge. That seems like a much more reasonable and cost effective approach to the problem of tooth decay in children.

Three quick facts: There is no need to swallow fluoride - it works topically. 97% of western Europe has rejected water fluoridation. There is no difference in tooth decay between F and NF countries.

Thank you for your consideration, and I hope you will vote no on fluoridation.

Diane Russell
Fine Art Portraits
<http://www.dianerussell.net>
diane@dianerussell.net
503-253-0865

"Art is a necessity, beauty we must have in the world. Painting and sculpture and music and literature are all of the same piece as civilization, which is the art of making it possible for human beings to live together."

Charles W. Hawthorne, painter

Parsons, Susan

From: Diane Russell [diane@dianerussell.net]
Sent: Tuesday, September 11, 2012 11:18 AM
To: Kuhn, Hannah
Cc: Moore-Love, Karla
Subject: Fluoride in Portland

Commissioner Fish,

I am asking you to please reconsider your support of adding fluoride to Portland's water. I believe we don't know enough about the long term effects on the environment. What will it do to fish and wildlife? How will it affect food crops? And since 99% of our water use is not for drinking, it also seems like a waste of money (and fluoride). When my children were in school, there was a program in which fluoride tablets were given to the children at school, free of charge. That seems like a much more reasonable and cost effective approach to the problem of tooth decay in children.

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Charles W. Hawthorne, painter

Parsons, Susan

From: Diane Russell [diane@dianerussell.net]
Sent: Tuesday, September 11, 2012 11:16 AM
To: Finn, Brendan
Cc: Moore-Love, Karla
Subject: Fluoride in Portland

Commissioner Saltzman,

I am asking you to please reconsider your support of adding fluoride to Portland's water. I believe we don't know enough about the long term effects on the environment. What will it do to fish and wildlife? How will it affect food crops? And since 99% of our water use is not for drinking, it also seems like a waste of money (and fluoride). When my children were in school, there was a program in which fluoride tablets were given to the children at school, free of charge. That seems like a much more reasonable and cost effective approach to the problem of tooth decay in children.

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Charles W. Hawthorne, painter

Parsons, Susan

185612

From: Diane Russell [diane@dianerussell.net]
Sent: Tuesday, September 11, 2012 11:14 AM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: Fluoride in Portland

Mayor Adams,

I am asking you to please reconsider your support of adding fluoride to Portland's water. I believe we don't know enough about the long term effects on the environment. What will it do to fish and wildlife? How will it affect food crops? And since 99% of our water use is not for drinking, it also seems like a waste of money (and fluoride). When my children were in school, there was a program in which fluoride tablets were given to the children at school, free of charge. That seems like a much more reasonable and cost effective approach to the problem of tooth decay in children.

Three quick facts: There is no need to swallow fluoride - it works topically. 97% of western Europe has rejected water fluoridation. There is no difference in tooth decay between F and NF countries.

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Charles W. Hawthorne, painter

Parsons, Susan

185612

From: Kris Lake [kris@faboregon.com]
Sent: Tuesday, September 11, 2012 11:14 AM
To: Kris Lake; Commissioner Fritz; Commissioner Fish; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: Re: National Research Council & Fluoride

Karla, I understand that I am to copy you on correspondence with city commissioners that I wish to have in the public record. Please include the following e-mail in the record.

Thank you,
 Kristina Lake

----- Original Message -----

From: Kris Lake
To: amanda@portlandoregon.gov ; nick@portlandoregon.gov ; dan@portlandoregon.gov
Sent: Wednesday, September 05, 2012 4:58 PM
Subject: National Research Council & Fluoride

Dear Commissioners Saltzmann, Fritz, and Fish:

I am writing to you with some very important information with regard to the proposal to fluoridate water in the Metro area. Attached please find the National Research Council's publication entitled 'Fluoride in Drinking Water: A Scientific Review of EPA's Standards'. Throughout the publication, numerous health studies are cited whereby the research agrees that fluoride exposure, even at low levels, correlate positively with health conditions. The conclusions found for all the various health risks are that more studies and research are needed.

Please, please, let us continue to be a model for the United States in doing things differently, the right way. Like the bottle bill, Death with Dignity, and so many other progressive things. Oregonian's have voted down the fluoridation of our waters for 50 years, with good reason. Let's continue to be a model for allowing people to prevent cavities with their own fluoride products, if that is their choosing, rather than putting everyone's health at risk, especially our children and our elderly, who are most vulnerable to the health risks pointed out in this research.

Questions I have outstanding -

- 1) fluoride is found in our air and naturally in water sources due to contamination. What does our water and air testing show for fluoride concentrations naturally?
- 2) What concentration is the Oregon Health Authority recommending?

The following is just one excerpt from the attached publication, and I've underlined a key sentence. Thank you for taking the time to review and consider.

Yours truly, and with appreciation for your service and due diligence,
 Kristina Lake
 owner, 8716 SE Pardee Street, Portland, Oregon 97266

 SUMMARY

The major endocrine effects of fluoride exposures reported in humans
 include elevated TSH with altered concentrations of T3 and T4, increased

calcitonin activity, increased PTH activity, secondary hyperparathyroidism, impaired glucose tolerance, and possible effects on timing of sexual maturity; similar effects have been reported in experimental animals. These effects are summarized in Tables 8-1 and 8-2, together with the approximate intakes or physiological fluoride concentrations that have been typically associated with them thus far. Table 8-2 shows that several of the effects are associated with average or typical fluoride intakes of 0.05-0.1 mg/kg/day (0.03 with iodine deficiency), others with intakes of 0.15 mg/kg/day or higher. A comparison with Chapter 2 (Tables 2-13, 2-14, and 2-15) will show that the 0.03-0.1 mg/kg/day range will be reached by persons with average exposures at fluoride concentrations of 1-4 mg/L in drinking water, especially the children. The highest intakes (>0.1 mg/kg/d) will be reached by some individuals with high water intakes at 1 mg/L and by many or most individuals with high water intakes at 4 mg/L, as well as by young children with average exposures at 2 or 4 mg/L.

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Parsons, Susan

From: geno valle [mailto:geno@change.org]
Sent: Tuesday, September 11, 2012 10:46 AM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
2. Have been told by our health care providers to avoid fluoride, and/or
3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
4. Are health care providers treating people who are medically unable to tolerate fluoride and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.

<http://www.aemonline.org/chemicalsensitivitypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”

<http://www.aemonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this

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is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

geno valle
sf, California

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

9/11/2012

Parsons, Susan

185612

From: Heather Waisanen [hlbryan@mac.com]
Sent: Tuesday, September 11, 2012 10:41 AM
To: Gonzalez, Cevero; Johnson, Aaron H.
Cc: Moore-Love, Karla
Subject: just say no to fluoridation
Sept. 11, 2012

Re: Fluoridating our water

Dear Mayor Adams and City of Portland Commissioners:

I am writing to let you know that I DO NOT support the effort by Randy Leonard and Mayor Sam Adams to put fluoride in our wonderful city water supply. Good thing neither of you is running because I will never vote for you again.

First of all, this should not be a rush decision or something that should be done behind closed doors. We need city-wide dialogue with a public vote. We should have the choice of what to put in our bodies.

I do not come at this as someone who is afraid of fluoride. Although I am a native-Portlander, I lived for 10 years in cities with fluoridated water (Chicago & Atlanta).

There are several reasons I do not support putting fluoride in our water.

1) Fluoride is toxic. It is a byproduct of industrial fertilizer manufacturing processes. If companies had to dispose of it they'd have to dispose of it as "TOXIC WASTE". Why is there a loophole that allows them to sell it to municipalities to put in our water supplies in the name of public health?!

2) Only 5% of the world's water supply is fluoridated. Since the 1970s, many governments have refused to fluoridate their water.

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According to an Aug. 1988 article in Chemical and Engineering News, by B. Hilleman: "The Danish Minister of Environment recommended against fluoridation in 1977 because "no adequate studies had been carried out on its long-term effects on human organ systems other than teeth and because not enough studies had been done on the effects of fluoride discharges on freshwater ecosystems."

"In 1978, the West German Association of Gas & Water Experts rejected fluoridation for legal reasons and because 'the so-called optimal fluoride concentration of 1 mg per L is close to the dose at which long-term damage [to the human body] is to be expected.' "

Contrary to what fluoride supports have said in the media, there are studies that show that fluoridation chemicals are unsafe. A broad spectrum of scientific studies in top scientific journals and from credible researchers show serious reasons to be concerned about fluoride's role in everything from decreased IQ in children to increased risks of bone fracture in the elderly. The 2006 report by the National Academy of Sciences is likely the single best resource that summarizes many of these studies. You can find more about these studies on <http://www.cleanwaterportland.org/> or the Fluoride Action Network's website: <http://www.fluoridealert.org/>

3) Fluoride's proponents say we have a dental health crisis in Portland, however, based on actual numbers Portland kids actually have the lowest cavities in our state and rank as having the 15th lowest cavity rate in the United States when compared to states with fluoridated water.

These numbers from Clean Water Portland's fact sheet are telling: "The percentage of Portland metro children that have had a cavity is 54%, compared to 70% of children outside of Portland. (2007 Smile survey at p. 12) This is true even though only roughly 8% of the Portland metro area is fluoridated, but roughly 33% of Oregon residents outside Portland metro are fluoridated. Portland metro's cavity rate is actually so much lower than the rest of the state, we bring down the statewide average to 66.3%.

How do we compare to the rest of the states? Also from the Clean Water Portland fact sheet: "Portland's children would rank as having the 15th lowest rate of "cavities experiences" in the U.S. (CDC Caries Experience data3, New York state ranked 15th with 54.1%). This is true despite the high fluoridation rates in many states.

The percentage of Portland metro children with untreated decay is 21%, compared to 44% outside of Portland and 35.4% statewide. (2007 Smile survey at p. 12) While there's always room for improvement, the Portland metro area has already met the 2010 National Oral Health Objectives for rates of untreated decay (21%)."

Yes, childhood cavities may be increasing over the last several decades. But I believe that is because of our diet – prepackaged foods and too many sodas. Not to mention how many of

our schools have soda vending machines.

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We don't need fluoride in our water. If the City of Portland would like to deal with children's dental needs the priorities should be: getting fresh food for families of all income levels; getting rid of soda pop and other sugar beverages (including the chocolate and other flavored milk) in our schools; and access to affordable dental and healthcare for everyone.

4) I've lived and traveled all over this country and Portland has the best-tasting water. Let's keep it that way, please.

Thank you to Commissioners Amanda Fritz and Dan Saltzman for keeping an open mind on this issue.

I urge you to give voters an open, intelligent, dialogue and vote on this issue.

Sincerely,

Heather Waisanen

2224 NE Everett St.

Portland, OR 97232

503-238-5217

Parsons, Susan

185612

From: Dona Marie Hippert [mailto:change.org]
Sent: Tuesday, September 11, 2012 10:40 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

As someone with multiple chemical sensitivity and breast cancer, it is very important for me to limit my exposure to toxic substances. Fluoridated water will make that much more difficult.

Dona Marie Hippert
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

185612

Parsons, Susan

From: khimaira.5 [khimaira.5@toast2.net]
Sent: Tuesday, September 11, 2012 10:39 AM
To: Gonzalez, Cevero; Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Commissioner Fritz; Howard, Patti
Cc: Moore-Love, Karla
Subject: comment on proposed water fluoridation
Sept. 11, 2012

Dear Mayor Adams, Commissioners Leonard, Fritz, Saltzman, and Fish,

I am writing to urge you to vote NO on adding fluoride to Portland's drinking water. There are many reasons why this chemical additive is a bad idea but I'll just touch on a few of them.

- (1) The focus on water treatment should be safety, not for distribution of medications.
- (2) Dental carries, a medical condition, can be prevented with diet and proper dental hygiene. If parents choose fluoride for their children, every grocery and drug store contains shelves of affordable toothpaste and rinses with the additive.
- (3) Excessive fluoride exposure has been linked to a range of chronic ailments including, but not limited to, arthritis, bone fragility, dental fluorosis, gastrointestinal distress, thyroid disease and certain types of cancer. Recent studies even show a link to diminished IQ.
- (4) Fluoride from drinking water enters rivers and streams where it adversely affects the migratory behavior of fish including Chinook and Coho salmon.

Please, vote NO on adding fluoride to our drinking water.

Respectfully,

Sha Gleason
3832 SW Corbett Ave
Portland, OR 97239

cc: Council Clerk Karla Moore-Love

9/11/2012

185612

Parsons, Susan

From: Gabi Diane [gaidianagram@gmail.com]
Sent: Tuesday, September 11, 2012 10:03 AM
To: Moore-Love, Karla
Subject: Fluoridation Letters for Public Record

Dear Karla: I did not realize that communications sent to the City Council had to be copied to you also, to be included in the Public Record - I would not want to be remiss, if including these in the Public Record would be beneficial, so I am sending these to you now. I hope it helps. Thank you.

Letters to City Council: (1st to last)

1) Original letter to City Council

Gabi Diane

Aug 26 (8 days ago)

to mayorsam, randy, dan, nick, amanda, info

I most likely will Not be able to attend the Public Hearing on September 6th, regarding the adding of Hydroxyfluorisisic Acid to the water supply, and I am sure you have had many comments sent to you about this, but I wanted to make sure that you all had at least some of the information contained in this short video from 'Fluoride Alert' (28 minutes - not a long time to take out of your schedule for something that could have effects lasting much, much longer) - a statement from the Oregonian touted some of the issues brought up as 'crackpottery', but the list of contributors at the end of the video seems to be quite authentic and professional. In addition, the recent Harvard Study (article enclosed, also) would seemingly not be issued by crackpots.

While the understanding I have gleaned is that there has been a lot of Lobbying directed your way on the part of the people in favor of adding this fluoride to the water supply, and you have studied the various reports presented to you, I would like to reiterate some points that appeared to warrant some further forethought (and perhaps caution) with regard to the issue:

- Apparently Randy Leonard has been told that this type of Fluoride (which is Not a pharmaceutical grade but rather an industrial grade form) is 'natural' and therefore safe for human consumption. If it is safe, why is it Prohibited from being dumped (as a waste by-product of fertilizer and aluminum manufacturing) directly into our rivers, but Not prohibited from being dumped into our drinking water. Additionally, even the Fluoride in toothpaste (pharmaceutical-grade Sodium Fluoride) has a warning about its ingestion. This personally does not make sense to me and seems that it would indicate a need for further study/clarification.

- Fluoride has apparently been shown to be somewhat potent with respect to its effect on our physical systems, and simply adding it to our water supply will not allow an individual/family to regulate/decrease their 'dosage' amounts, unless they also decrease their overall water consumption (tap water, at least - I don't know if bottled water would also contain fluoride, but at any rate, having to buy large amounts of bottled water would probably heavily minimize the benefit of fluoridation to low-income populations). People who already have Low Thyroid (as Fluoride has a 'thypo' effect on that gland), Osteoporosis (as Fluoride, in several studies, has been shown to increase bone brittleness and fracture), Infants (whose blood-brain barrier is not yet fully developed and will, therefore, absorb much higher amounts - as the video states, breast milk naturally contains 0.04 parts per million of fluoride - and this is most likely a different form of Fluoride than is present in the fertilizer/aluminum by-product - the amount that would be in their fluoridated water is 250 times More than this amount) would all be at risk of ingesting too much Fluoride into their bodies, thereby worsening their conditions. These effects of Fluoride would also increase the likelihood of developing these conditions in the healthier populations, increasing health care costs and decreasing quality of life. It would seem that the "one dose fits all" thinking here is quite risky, and again, might benefit from some further thought.

As one of the presenters in the Fluoride Alert video noted - at 19:27 - 20:16 in video - (paraphrasing), 'Fluoride [in our water], as far as intelligence and the brain are concerned, is where the Lead [issue] was in the early 70's. Scientists knew that high levels of Lead could cause brain damage in children, but they thought that lower levels of lead were OK. It's only a function of running more sensitive tests to show that even lower levels of Fluoride can cause a blurring of IQ, and other effects'.

I'm sure that you (especially the two who are leaving their posts soon) would want a more positive legacy following you than one of jumping into a decision to implement a program that proved later on to be detrimental to the health of the people who were counting on you. It could not hurt to wait and see what the truth turns out to be - as many people in the medical/dental fields have noted, there are other methods of providing safe fluoridation to teeth (topical, 'swishing', etc) in the meantime.

Thank you for your time.

<http://www.fluoridealert.org/videos.aspx>

<http://www.marketwatch.com/story/harvard-study-finds-fluoride-lowers-iq-published-in-federal-govt-journal-2012-07-24> - Harvard article

Nick Fish's reply:

Thank you for your email regarding the fluoridation of Portland's drinking water.

I have studied the issue and concluded that fluoridation is in the best interest of our community as a whole.

The Centers for Disease Control named fluoridation of drinking water one of the "10 great public health achievements of the 20th century". The American Academy of Family Physicians states that fluoridation of public water is "safe and effective". Yet, Portland is one of the last cities of its size to not add fluoride to its drinking water.

Many of the studies that fluoride opponents cite deal with overexposure to fluoride. Fluoride is a mineral that exists naturally in nearly all water supplies. Just as with other important minerals and metals - humans benefit at trace amounts, but they can be toxic at higher doses. The City of Portland will ensure that residents are exposed to the optimal amount for overall health.

I appreciate that you have a different view on this issue and respect that you took the time to write me with your concerns. Below is a copy my statement in support of Fluoride.

Thanks again for sharing your thoughts with me.

Sincerely,

Nick Fish

City Commissioner

www.portlandoregon.gov/fish

**Statement from Commissioner Nick Fish
 in Support of Water Fluoridation
 August 16, 2012**

I believe it is time to add fluoride to Portland's drinking water.

Fluoridation is supported by a broad coalition of public health, medical, and community-based organizations. It's a safe, cost-effective and common sense approach to protecting public health. In fact, Portland is one of the last cities of our size that doesn't fluoridate its drinking water.

As the parent of an 8-year-old, I am fortunate to be able to follow my dentist's recommendation and give my child regular fluoride treatments. Many hardworking families simply cannot afford this basic preventative measure, and their children are twice as likely to suffer from dental disease.

With fluoridated water, simply drinking tap water gives all of our children the same opportunity to start life with healthy teeth. No child with a toothache

9/11/2012

185612

can be expected to learn in a classroom or have fun on the playground.

Tooth decay can be easily prevented at a cost much lower than what it takes to treat the disease. Once decay sets in, dental procedures are even more costly. In fact, cities save an estimated \$38 in dental costs for every \$1 invested in fluoridation.

Fluoride is a mineral that exists naturally in nearly all water supplies; it just happens that our Bull Run water could use a little more to help protect our children and families from cavities.

It's time for Portland to join the majority of cities across the nation and fluoridate our water. When this issue comes to Council, I will vote to protect the basic health of all our children.

2) My response (9/3/12) to Nick Fish's Reply -

Gabi Diane gajanagram@gmail.com

Sep 3 (8 days ago)

to nick, mayorsam, randy, dan, amanda

Thank you for your reply - I know that you are (all) inundated with many issues, and do have a respect for the demands on your time and energy - PDX is a very complex area, and these are very complicated times, to be shouldering responsibility for. I wonder if you would allow me, however, just a few more moments of your time to consider, along with me, the following questions that have occurred to me in my recent exposure to this issue:

First of all I, too, have heard that Fluoride occurs naturally in H2O, but *is it the same form* that will be added to our water in a fluoridation program? (Please quickly peruse this link to "Types of Fluoride" that I found: <http://fluoridedetective.com/types-of-fluoride/>) It appears Not - in the short span of time that I have looked into this issue I have found *numerous* studies stating that the 'naturally occurring' form of fluoride is Calcium Fluoride. The type of Fluoride used in water fluoridation programs is Hydroxyfluorilic Acid - again, a very *unnatural*, waste by-product of industrial manufacturing and, again, considered too toxic to be dumped into rivers (but OK to put into our water supply?)

Secondly, I was wondering, after coming across several studies (one included here for your information - (<http://www.fluoridealert.org/issues/sources/>)) noting the increased presence of fluoride in many commonly-used, modern day-products, whether there had been studies done on the long-term effects of the *combination of exposures* to this more recent prevalence of fluorides in our various environments.

I was also impelled to wonder if there had been any actual studies done, in the communities that had fluoridated water for some time now, on any *increase in the incidence of hypothyroidism, osteoporosis, etc.*, over the same period of time, as *much* of the information I ran across implied that long-term fluoridation was one of the causative factors in these diseases. And, while it is commendable to wish to vote for something you believe will protect the health of our children, will a water fluoridation program really *continue to protect* them into their adult lives (given the apparent risks of skeletal fluorosis, etc.).

Lastly, you mentioned that you yourself are the parent of an 8-year old, and fortunate enough to be able to provide fluoride treatments to your child. This made me wonder what the cost of providing these *topical fluoride treatments to children* in the Portland area would be, *compared* to building and maintaining a *water fluoridation program*. It seems that this might be an alternative that would eliminate the problems implied to be associated with long-term ingestion of fluoridated water.

Again, thank you for you time.

3:42 PM (17 hours ago)

3) Gabi Diane gajanagram@gmail.com

(9/10/12)

to mayorsam, randy, dan, amanda, Nick, hnrorth, kim, info, Nancy, David, jglockhart, Pat

Please give the following consideration before actually making a decision on Wednesday:

Given the nature of the cultural orientation (ie: environmentally aware/progressive/'green') of the Portland area, it seems *unlikely that if given a vote, Fluoridation would prove to be desired*. Given this probability, **De-Fluoridation** efforts (and costs) could very well be an issue in the future.

Again, **in view of these costs** of implementing and maintaining a Fluoridation program (then possibly incurring costs of a De-Fluoridation program), **researching alternatives** would seem to be a wise course to take before hurrying to a decision on this. Additionally, the commonly preferred cost/savings evaluation of Fluoridation (ie: \$1 spent on Fluoridation saves \$38 in dental costs) **doesnot** take into account any possible costs - medical and otherwise - of the following:

- the possible (and probable, from the many professional sources who cite it - see this site, for instance, <http://www.fluoridealert.org/articles/juneback/>, and scroll down to the many pages of 'references' from just this **one** article on the subject) future medical costs incurred due to long-term ingestion of Fluoride (ie: thyroid, kidney, bone, IQ, etc. debilitations),
- equipment malfunctions,
- the effects of the (increasing) combinations of Fluoride-exposure in our domestic environments,
- the as-yet unaddressed effect of the combination of Fluoride with the many other toxins showing up in our water (ie: pharmaceuticals, hormones, etc.) which are **not** currently filtered out,
- the apparent increase in corrosion of water pipes due to Fluorine (see this excerpt from <http://www.yacomettah.org/fluoride.htm>: "fluorine... even when dissolved in water as the fluoride ion... is still highly corrosive, and most water engineers are opposed to it as it has damaged many city water systems").

Nor does it address the mineral-concentrating effect on our water due to climate warming, noted in this very recent article (http://www.sciencedaily.com/releases/2012/09/1209120906182624.htm?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+sciencedaily+%26ScienceDaily%3A+Latest+Science+News%29&utm_content=GooimaFeedfetcher)

Again, one **alternative** to be looked at - ideally, **before making a decision** - might be the costs, etc. of an area-wide **topical** Fluoride program, such as the one that Nick Fish has indicated **does suffice** for his daughter (through his private cost-incurrence, but apparently is not cost-effective for much of the population privately). A program such as this would address the 'dental-carries' issue **without** incurring the risks associated with actual Fluoride ingestion.

And, in addition to the fact that the FDA **does not** approve Fluoride for **ingestion** (and, given the increasing number of substances that they **do** approve for ingestion that end up on the 1-800-BAD-DRUG listing, this should be a glaring 'red-flag'), and that the CDC is **not** authorized to make statements as to the efficacy of water fluoridation, the excerpts from this NY Times article **JUST A YEAR AGO** -

http://www.nytimes.com/2011/10/14/us/more-places-change-course-on-fluoride-in-water.html?_r=1&page wanted=all&_mac_sensitivity=www - would indicate even more 'red-flags'. Excerpts:

The movement to stop fluoridating water has gained traction, in large part, because the government has recently cautioned the public about excessive fluoride. A report released late last year by the Centers for Disease Control and Prevention linked fluoridation to an increase among children in dental fluorosis,

... spotted teeth are a warning that other bones in the body may be absorbing too much fluoride. Excessive fluoride can lead to increases in bone fractures in adults...

In January [of 2011], the federal Department of Health and Human Services recommended reducing the fluoride put into the water supply to 0.7 milligrams per liter of water. The longtime standard had ranged from 0.7 to 1.2 milligrams per liter.

The government also informed parents of infants... that their children face an increased risk of fluorosis and suggested they use low-fluoride water, like distilled water, some of the time... "People who had heard there is nothing wrong with fluoridation all of the sudden are hearing that kids are getting too much fluoride."

Money worries and a growing distrust of government have also helped invigorate the movement... communities have been more willing to take a look at the issue.

The conclusion among these communities is that with fluoride now so widely available in toothpaste and mouthwash, there is less need to add it to water... Putting it in tap water, they say, is an imprecise way of distributing fluoride...

Doctors, scientists and dentists, including Dr. Bailey of the Public Health Service, mostly agree that fluoride works best when applied topically, directly to the teeth...

It would seem **only responsible**, in light of the many past (and more recent) acknowledgements of the risks to our health from Water Fluoridation, to seriously consider whether the benefits outweigh the risks, and at least research other less harmful avenues. In the absence of this, initiating a program to monitor any future marked increases in the problems/costs (medical and otherwise) associated with the timing/implementation of a fluoridation project (in conjunction with OHSU perhaps?) would at least concur with Mayor Adams' wishes for 'social justice'. Thank you.

http://www.nytimes.com/2011/10/14/us/more-places-change-course-on-fluoride-in-water.html?_r=1&page wanted=all&_mac_sensitivity=www

This is only 28 minutes long - please take 1/2 hour and view it - <http://bit.ly/9pqb1st> <http://www.youtube.com/watch?v=9pqb1st>

4)

Fluoridation Issue - One Last Time

Gabi Diane gaiianagram@gmail.com

(9/11/12) 8:15 AM (47 minutes ago)

to mayorsam, randy, amanda, Nick, dan

Please forgive my inundation of letters to you (and you most probably won't be hearing much from me in the future - I'm really more 'artsy' than political), but I find myself impelled to address this issue directly and feel that the sharing of any ideas is very important to our all moving forward - sustainably - into our collective future.

This being said, one more thing that occurred to me, regarding the general cultural orientation of our area, is that the research (and subsequent implementation) of an **alternative area-wide topical fluoridation program** might provide a **model** for the rest of the country, and not only lay this issue to rest (except for the problem of disposal of the industrial waste product - but I'm sure other means of solving that issue, other than forcing it literally - down our throats, can be pursued), but would further perpetuate the character of our area as **constructively innovative and sustainable**.

Thank you, again, for your time.

185612

Parsons, Susan

From: Susanna Askins [tlknkr@gmail.com]

Sent: Tuesday, September 11, 2012 9:41 AM

To: Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Commissioner Fritz; Howard, Patti

Cc: Moore-Love, Karla

Subject: re: fluoridation of Portland water

City Commissioners:

Fluoridation of our water should be put to a public vote. It is not your decision to make!

Sincerely,

Susanna Askins

Parsons, Susan

185612

From: Dave DeAngelis [djeangelis1@gmail.com]
Sent: Tuesday, September 11, 2012 9:39 AM
To: Adams, Sam
Cc: Moore-Love, Karla; Gonzalez, Cevero
Subject: Say NO to fluoridating our water

Sam Adams,

I'm appalled that you support adding a toxic industrial by-product to our pristine Bull Run water supply. Moreover, I am disgusted by the behind-closed-doors process. I strongly encourage you to reconsider your position for the following reasons:

- Experts agree that fluoride is best applied topically, not systemically.
- People with certain illnesses of the liver and thyroid will experience increased negative side effects of this poison.
- Very young children should not consume fluoride.
- People cannot opt out. Filtration is very expensive and not 100% effective.
- The toxic by-product hydrofluorsilic acid almost certainly contains heavy metals such as arsenic and lead.
- The money spent on this forced-medication fiasco can be better used on real dental care.

Although I'm very busy, rest assured I will work very hard to prevent fluoridation of our water. Shame on you!

Dave DeAngelis
Kerns neighborhood
Portland, OR

Parsons, Susan

185612

From: Marissa Aurora [marissaurora@gmail.com]
Sent: Tuesday, September 11, 2012 9:36 AM
To: Gonzalez, Cevero; Johnson, Aaron H.; Finn, Brendan; Kuhn, Hannah; Howard, Patti
Cc: Moore-Love, Karla
Subject: Fluoridation of OUR water

Not allowing Portland's citizens to vote on whether or not they want fluoride in THEIR water is undemocratic. You must all value your right to make your own medical decisions, correct? Well, I value mine too and I simply do not want medications added to my drinking water without my consent. I love our clean and pure Bull Run tap water, and I want to continue to love it.

Even if fluoride prevents tooth decay on the surface of teeth, then we should put it on the surface of teeth, NOT inside our bodies. And certainly not inside the bodies of infants and children. We just don't know enough about ingestion of fluoride. Let's use the precautionary principle on this one, ok?

Fluoridation is an outdated, unsafe, ineffective, and unnecessary form of mass medication.

Please give Portlanders the opportunity to vote on this issue and decide for themselves.

Thank you,
Marissa Dorais

Portlander
Voter
Water Drinker

Parsons, Susan

185612

From: Susanna Askins [tlknkr@gmail.com]
Sent: Tuesday, September 11, 2012 9:35 AM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: re: fluoridation of Portland water

Mayor Adams:

Fluoridation of our water should be put to a public vote. This is not your decision to make!

Sincerely,

Susanna Askins

Parsons, Susan

185612

From: Dave DeAngelis [djdeangelis1@gmail.com]
Sent: Tuesday, September 11, 2012 9:25 AM
To: Commissioner Saltzman
Cc: Moore-Love, Karla; Finn, Brendan; Grumm, Matt
Subject: Say NO to fluoridating our water

Dan Saltzman,

I strongly encourage you to vote **AGAINST** fluoridating our water for the following reasons:

- Experts agree that fluoride is best applied topically, not systemically.
- People with certain illnesses of the liver and thyroid will experience increased negative side effects of this poison.
- Very young children should not consume fluoride.
- People cannot opt out. Filtration is very expensive and not 100% effective.
- The toxic by-product hydrofluorsilic acid almost certainly contains heavy metals such as arsenic and lead.
- The money spent on this forced-medication fiasco can be better used on real dental care.

Dave DeAngelis
Kerns neighborhood
Portland, OR

9/11/2012

185612

Parsons, Susan

From: Dave DeAngelis [djdeangelis1@gmail.com]
Sent: Tuesday, September 11, 2012 9:18 AM
To: Commissioner Fish
Cc: Moore-Love, Karla; Kuhn, Hannah
Subject: Say NO to fluoridating our water

Nick Fish,

I'm appalled that you support adding a toxic industrial by-product to our pristine Bull Run water supply. Moreover, I am disgusted by the behind-closed-doors process. I strongly encourage you to reconsider your position for the following reasons:

- Experts agree that fluoride is best applied topically, not systemically.
- People with certain illnesses of the liver and thyroid will experience increased negative side effects of this poison.
- Very young children should not consume fluoride.
- People cannot opt out. Filtration is very expensive and not 100% effective.
- The toxic by-product hydrofluorsilic acid almost certainly contains heavy metals such as arsenic and lead.
- The money spent on this forced-medication fiasco can be better used on real dental care.

Although I'm very busy, rest assured I will work very hard to prevent fluoridation of our water. I will also fight against your re-election should you decide to pursue that path. You have lost my trust. And as you probably know, lost trust is hard to regain. Shame on you!

Dave DeAngelis
Kerns neighborhood
Portland, OR

9/11/2012

185612

Parsons, Susan

From: Katherine Anne Stansbury [kathycallaway@whiz.to]
Sent: Tuesday, September 11, 2012 9:04 AM
To: Moore-Love, Karla; Adams, Sam; Commissioner Fish; Leonard, Randy; Commissioner Fritz; Commissioner Saltzman
Subject: Public comment: Ordinance 1003 Authorize and direct the Portland Water Bureau to fluoridate the City of Portland's public drinking water supply
Attachments: City Auditor - City Recorder - Council R~36254 National Pollution Prevention Week & Toxics Reduction Strategy resolution.DOC; City Auditor - City Recorder - Council Resolutions - 36408 Adopt the Toxics Reduction Strategy Plan resolution.DOC; Toxics Reduction Strategy.pdf; Sustainable Procurement Policy Update 2010 Exhibit A.pdf; Why EPA Headquarters' Union of Scientists Opposes Fluoridation.docx; Public Comment Ordinance1003 Stansbury.pdf

Public Comment

Ordinance 1003

Authorize and direct the Portland Water Bureau to fluoridate the City of Portland's public drinking water supply

Historically, environmentally harmful activities have only been stopped after they have manifested extreme environmental degradation or exposed people to harm. In the cases of DDT, lead and asbestos, for instance, regulatory action took place only after disaster and disease occurred. The delay between first knowledge of harm and appropriate action to deal with it can be measured in a lower quality of life, numerous injuries and disabilities, tremendous costs for health care and remediation, and the loss of many human lives. The Precautionary Principle has emerged as one of the leading environmental health frameworks in shaping new policy. The Precautionary Principle is an example of a preventive and protective approach to identifying potentially harmful substances and evaluating safer alternatives to their use.

City of Portland Toxics Reduction Strategy, page 8

The ordinance as written violates two city resolutions and two city policy documents establishing the Precautionary Principle as city policy (documents attached):

City of Portland Resolution No. 36254 "Recognize National Pollution Prevention Week and develop a Toxics Reduction Strategy jointly with Multnomah County using the Precautionary Principle" (With the rest of the council, Leonard and Saltzman voted "Yea.")

City of Portland Resolution No. 36408 "Adopt the Toxics Reduction Strategy plan to minimize toxic substances of concern in government operations by using the Precautionary Principle" (With the rest of the council, Adams, Leonard, and Saltzman voted "Yea.")

Toxics Reduction Strategy: A plan for minimizing use of toxic substances of concern in government operations by using the Precautionary Principle

City of Portland Sustainable Procurement Policy September 2010 Update

From the City of Portland Sustainable Procurement Policy September 2010 Update, Appendix A:

"Precautionary Principle": a framework that guides decision makers to take anticipatory and protective measures when an activity raises threats of harm to human health or the environment, even if some cause and effect relationships are not fully established scientifically.

There is a large body of scientific literature explicating the toxic dangers of adding silicofluorides to municipal water supplies. Numerous well-credentialed scientific researchers, dentists, physicians, and other professionals have stated that, in their professional opinion, adding silicofluorides to municipal water supplies creates a public health hazard and contributes to environmental degradation. For example, the 1500 members of the EPA Headquarters Union of Scientists oppose fluoridation on the basis of health hazards, stating:

Our opposition to drinking water fluoridation has grown, based on the scientific literature documenting the increasingly out-of-control exposures to fluoride, the lack of benefit to dental health from ingestion of fluoride and the hazards to human health from such ingestion. These hazards include acute toxic hazard, such as to people with impaired kidney function, as well as chronic toxic hazards of gene mutations, cancer, reproductive effects, neurotoxicity, bone pathology and dental fluorosis....The implication for the general public of these calculations is clear. Recent, peer-reviewed toxicity data, when applied to EPA's standard method for controlling risks from toxic chemicals, require an immediate halt to the use of the nation's drinking water reservoirs as disposal sites for the toxic waste of the phosphate fertilizer industry.

<<http://www.nteu280.org/Issues/Fluoride/NTEU280-Fluoride.htm>>
(text attached)

185612

By the standards of the Sustainable Procurement Policy September 2010 Update the very existence of this level of concern among the scientific community, which "raises threats of harm to human health or the environment," invokes the Precautionary Principle approach to making this decision. The Toxics Reduction Strategy specifies how the Precautionary Principle is to be implemented in making decisions in the City of Portland.

The guiding principles, adapted from the San Francisco Precautionary Principle Ordinance, 2003, are on page 8. The city has violated every one of them:

Precautionary Principle Approach to Decision Making:

Where there are reasonable grounds for concern, the precautionary approach to decision-making is meant to help reduce the threat of serious or irreversible harm by triggering a process to select the least potential threat. The essential elements of the Precautionary Principle approach to decision-making include:

1. Anticipatory Action: Anticipatory action prevents harm. Government, business, community groups and the public share this responsibility.

The ordinance completely fails to take anticipatory action on this issue as required. The controversy, or concerns about toxicity, are never mentioned; there is merely the statement that silicofluorides are safe. At the public hearing on Sept. 6, 2012, those denying toxic issues were allowed to present a structured, 2 hour presentation, and were validated at every opportunity by the council. Those concerned were forced to make their case in 3, then 2, then 1-minute soundbites, and this to a hostile, dismissive, disinterested, and incurious council. The council, by its refusal to consider the evidence for toxicity, has foreclosed any possibility of its taking anticipatory action as required.

2. Right to Know: The community has a right to know complete and accurate information on potential human health and environmental impacts associated with the selection of products, services, operations or plans. The burden to supply this information lies with the proponent, not with the general public.

The council's actions while drafting the ordinance, and the structure and atmosphere of the Sept. 6th hearing, have been the exact opposite of how the Precautionary Principle process works. Not once have they required the proponents of adding silicofluorides to our water supply to address the issues of toxicity, except by blanket and dismissive denial. The burden and responsibility of providing complete information has been left *completely* to the general public. This situation is specifically prohibited by the standards.

3. Alternatives Assessment: An obligation exists to examine a full range of alternatives and select the viable alternative with the least potential impact on human health and the environment, including the alternative of doing nothing.

The ordinance directs the water department to add silicofluorides to our water supply as a means to improved outcomes on one issue: childhood dental caries. Fluoridation lobbyists have never claimed that a public water supply free of silicofluorides *causes* dental caries in children; they are only claiming that adding silicofluorides has a somewhat ameliorative effect. The public, aware that the causes of dental caries in children are complex social issues, having to do with our food supply, poverty, access to dental care, and parental behavior, has stepped up and offered many more targeted, efficacious, cost-effective, and non-toxic ways to address this issue. The council is violating the standards by adamantly refusing to examine these alternatives.

4. Full Cost Accounting: When evaluating potential alternatives, there is a duty to consider all the reasonably foreseeable costs, including raw materials, manufacturing, transportation, use, cleanup, eventual disposal and health costs even if such costs are not reflected in the initial price. Short-and long-term benefits and time thresholds should be considered when making decisions.

Only 1% of the tons of fluorosilicic acid that will be dumped into our water supply will be retained in the human biomass of Portland water customers; 99% will be released into our watershed, affecting every living thing in it. Silicofluorides concentrate in the environment, so there will be a cumulative toxic build-up year after year. The long-range costs of environmental destruction and remedial efforts are a complete unknown.

The resultant health costs are better estimated. Fluorosis, already profoundly affecting some 40% of teenagers, will increase. Fluorosilicic acid will compromise the health of those with hypothyroid conditions. There will be increased incidents of cancer. Increased levels of lead and arsenic in our water will cause a multitude of tragic and debilitating health problems. The council knows this, yet has completely failed to provide an accounting of the health costs that will be a direct result of adding an industrial waste product to our water supply.

5. Participatory Decision Process: Decisions applying the Precautionary Principle must be transparent, participatory and informed by the best available information.

Transparent? Councilman Leonard held secret meetings with industry and allopathic medical lobbyists for more than a year. The public found out less than a month before the vote, and were left scrambling to prepare for a hearing in less than 3 weeks – a hearing at which they told loud and clear that their testimony was irrelevant.

Participatory? Councilman Leonard even went so far as to say that he was going to make the initiative process moot by rushing through the necessary permitting for the facility.

Informed by the best available information? The council has not sought out information on this topic. They have uncritically accepted proponents assertions of safety, and promoted these as truth to the public. At the same time they have excluded those with toxicity concerns from influencing the decision-making process. At the hearing well-credentialed individuals opposed to fluoridation were given one to three minutes, under distracting circumstances, to present what, in some cases, amounted to years of research or complex data analyses. Councilman Fish didn't even stay at the hearing, and the Mayor absented himself for over an hour. A very large body of information on this issue has simply not been heard, let alone considered, by the council.

In conclusion, city policy demands that the decision of whether or not to add silicofluorides to our water supply be made within the framework of the Precautionary Principle, yet the council has proceeded without consideration of this process. The vote on September 12, 2012 should be cancelled, and this issue taken up afresh using the standards and policies in the "Toxics Reduction Strategy: A plan for minimizing use of toxic substances of concern in government operations by using the Precautionary Principle" and the "Sustainable Procurement Policy September 2010 Update."

Katherine Anne Stansbury
5519 SW Multnomah Blvd.
Portland, Oregon 97219

The text of the above comment is attached in .pdf format

Recognize National Pollution Prevention Week and develop a Toxics Reduction Strategy jointly with Multnomah County using the precautionary principle (Resolution)

WHEREAS, the Precautionary Principle is an effective policy framework for decision-making to prevent harm to human health and the environment, and states that “Where threats of serious or irreversible harm to people or nature exist, anticipatory action will be taken to prevent damages to human and environmental health, even when full scientific certainty about cause and effect is not available, with the intent of safeguarding the quality of life for current and future generations”; and

WHEREAS, every Portland resident has an equal right to a safe and healthy environment, but considerable evidence suggests this right is compromised, including the following:

1. An estimated 700 contaminants are present and accumulate within the human body, many of them toxics that have known health risks.
2. Cancer, asthma, birth defects, developmental disabilities, autism, and infertility are becoming increasingly common and are linked to toxic exposures from the environment.
3. Children suffer disproportionately from environmental health risks and toxic pollution.
4. Low income and politically marginalized communities are disproportionately exposed to toxic substances and pollution.

WHEREAS, toxic substances have a profound negative impact on the indoor and outdoor environment;

WHEREAS, fish from the Willamette and Columbia Rivers are contaminated with toxic pollutants at high levels resulting in consumption advisories from the Oregon Department of Health and Human Services;

WHEREAS, 14 air toxics in Multnomah County exceed health-based benchmarks, with six pollutants more than 10 times national health standards;

WHEREAS, several regional governments have taken precautionary approaches to reduce toxic pollution, including the City of San Francisco, City of Oakland, City of Seattle, and State of Washington;

WHEREAS, the Oregon Department of Environmental Quality has been directed to develop a plan to eliminate persistent bioaccumulative toxics in Oregon by 2020, and local governments in Oregon are encouraged to participate;

WHEREAS, the City has made progress in the area of toxics use reduction through successful programs such as Integrated Pest Management;

WHEREAS, the City has adopted policies that support pollution prevention, including the Sustainable City Principles (Resolution No. 35338), Local Action Plan on Global Warming (Resolution No. 35995), the Sustainable Procurement Strategy (Resolution No. 36061), and Green Building Policy (Resolution No. 35956), and the Sustainable City Principles state that City elected officials and staff will “prevent additional pollution through planned, proactive measures rather than only corrective action”;

WHEREAS, toxic substances have negative impacts at all stages of the product life cycle, including manufacture, use, and disposal.

WHEREAS, pollution prevention lowers business costs related to pollution control, liability, and worker safety.

WHEREAS, costs to society for diseases related to toxic substances such as loss of wages, increased expense for special education and medical treatment can be reduced.

WHEREAS, a Toxics Reduction Strategy would initiate economic development by creating new opportunities for local business to provide safer alternative products, processes, and technologies.

WHEREAS, the City of Portland considers prevention of toxic pollution a high priority for action to reduce risk to public and environmental health, and intends by this resolution to encourage the reduction of use of toxic substances through pollution prevention and by utilizing the precautionary principle.

NOW, THEREFORE, BE IT RESOLVED, that the Portland City Council, in honor of National Pollution Prevention Week, recognizes the work that has been done to date by the City of Portland and Multnomah County to support reduction and elimination of public and environmental exposures to toxic pollutants.

BE IT FURTHER RESOLVED, that the City of Portland participate in a workgroup made up of delegates from the City of Portland, Multnomah County, the Sustainable Development Commission, and the community to create a Toxics Reduction Strategy for government operations using the precautionary principle. The strategy should identify short-term and long-range goals for toxics reduction in government operations and identify actions to support those goals. The Office of the Commissioner of Public Affairs will work with the Sustainable Development Commission, appropriate City bureaus, and Multnomah County to support this effort.

BE IT FURTHER RESOLVED, that this Toxics Reduction Strategy shall be completed within one year of adoption of this resolution.

Adopted by the Council: September 22, 2004

COMMISSIONER Dan Saltzman
Prepared by Brendan Finn
September 22, 2004

Gary Blackmer
Auditor of the City of Portland
BY /S/Susan Parsons

Deputy

BACKING SHEET INFORMATION

185612

AGENDA NO. 1102-2004

ORDINANCE/RESOLUTION/COUNCIL DOCUMENT NO. 36254

COMMISSIONERS VOTED AS FOLLOWS:		
	YEAS	NAYS
FRANCESCONI	X	
LEONARD	X	
SALTZMAN	X	
STEN	X	
KATZ	X	

RESOLUTION No. 36408

Adopt the Toxics Reduction Strategy plan to minimize toxic substances of concern in government operations by using the Precautionary Principle (Resolution)

WHEREAS, for decades, City of Portland bureaus have demonstrated success in seeking opportunities to prevent pollution and reduce the use of hazardous substances. The City should continue to build on these efforts and exercise leadership in utilizing safer least-toxic alternatives, when such alternatives are available, effective and affordable; and

WHEREAS, on September 22, 2004, City Council adopted Resolution 36254 to direct development of a Toxics Reduction Strategy jointly with Multnomah County using the Precautionary Principle; and

WHEREAS, scientific evidence points to exposures to environmental pollutants as preventable risk factors in a number of chronic diseases, disabilities and premature deaths; and

WHEREAS, further development of safer, least-toxic, alternatives to hazardous chemicals in Oregon has the potential to spur business growth, create jobs, improve public health, lower the costs of health care and special education, and protect the environment; and

WHEREAS, a Toxics Reduction Strategy Workgroup was convened with representation from the City of Portland, Multnomah County, the Sustainable Development Commission, and members of the community including Metro, Oregon Center for Environmental Health, Oregon Environmental Council, Oregon Health & Science University, Portland State University and the public. The workgroup reviewed internal operations, best practices from other local governments regarding toxic reduction, and developed a set of recommended actions to support the following long-term goal:

By using the Precautionary Principle as a framework, replace toxic substances, materials or products of concern with viable least-toxic alternatives by 2020.

WHEREAS, the Oregon Department of Environmental Quality has been directed to develop a plan to eliminate persistent bioaccumulative toxics in Oregon by 2020, and local governments in Oregon are encouraged to participate; and

WHEREAS, Exhibit A, "Toxics Reduction Strategy, a plan for minimizing use of toxic substances of concern in government operations by using the Precautionary Principle," meets the direction outlined in Resolution 36254 by supporting public health and the environment through precautionary actions that seek least-toxic alternatives.

NOW, THEREFORE, BE IT RESOLVED to adopt the Toxic Reduction Strategy, a plan for minimizing toxic substances of concern in government operations by using the Precautionary Principle, attached as Exhibit A.

AND THEREFORE BE IT RESOLVED to direct the Office of Sustainable Development, in partnership with the Multnomah County Department of County Management, to convene a Steering Committee to facilitate and coordinate the evaluation and implementation of the proposed actions identified in the Toxics Reduction Strategy. The Steering Committee will be comprised of key City and County staff who have relevant expertise and responsibilities, as well as external community partners who can add value to these efforts through their knowledge, experience or resources.

AND THEREFORE BE IT RESOLVED that the Steering Committee, in consultation with affected City bureaus and County departments, will finalize an implementation process within three months of the adoption of this resolution.

AND THEREFORE BE IT RESOLVED that using the progress reports and updates from staff working on the proposed actions, the Steering Committee will provide an annual update to the Council on the City and County's overall progress.

Adopted by the Council: May 10, 2006

Commissioner Dan Saltzman
Susan Anderson
Prepared by: Michele Crim
April 26, 2006

GARY BLACKMER
Auditor of the City of Portland
By /S/ Susan Parsons
Deputy

BACKING SHEET INFORMATION

AGENDA NO. 575-2006ORDINANCE/RESOLUTION/COUNCIL DOCUMENT NO. 36408

COMMISSIONERS VOTED AS FOLLOWS:		
	YEAS	NAYS
ADAMS	X	
LEONARD	X	
SALTZMAN	X	
STEN	X	
POTTER	X	

CITY OF PORTLAND SUSTAINABLE PROCUREMENT POLICY

SEPTEMBER 2010 UPDATE

1. Purpose

In accordance with the City of Portland Sustainable City Principles [1994] the City of Portland [the City] recognizes its responsibility to minimize negative impacts on human health and the environment while supporting a diverse, equitable, and vibrant community and economy. The City recognizes that the types of products and services the City buys have inherent social, human health, environmental and economic impacts, and that the City should make procurement decisions that embody the City's commitment to sustainability.

This Sustainable Procurement Policy is intended to:

- identify those sustainability factors that shall be incorporated into procurement decisions;
- provide implementation guidance;
- empower employees to be innovative and demonstrate leadership by incorporating sustainability factors into procurement decisions;
- complement Citywide and Bureau-specific sustainability goals and related policies; and
- communicate the City's commitment to sustainable procurement.

2. Policy

2.1 General Policy Statement

City employees will procure materials, products or services in a manner that integrates fiscal responsibility, social equity, and community and environmental stewardship.

2.2 Sustainability Factors

City employees will incorporate the following factors when writing specifications for, or procuring, materials, products, or services.

Environmental factors to be considered include, but are not limited to, the life cycle assessment of:

- Pollutant releases
- Toxicity, especially the use of persistent, bioaccumulative, and toxic (PBT) chemicals
- Waste generation
- Greenhouse gas emissions
- Energy consumption
- Depletion of natural resources
- Impacts on biodiversity

Social equity factors to be considered include, but are not limited to:

- Human health impacts
- Use of local businesses
- Use of State of Oregon Certified Minority, Women, and Emerging Small Businesses

- Use of disabled veteran owned businesses

Fiscal factors to be considered include, but are not limited to:

- Use reduction; buy only what you really need
- Product performance and quality
- Life-cycle cost assessment; lowest total cost
- Leveraging buying power
- Impact on staff time and labor
- Long-term financial/market changes

While not all factors will be incorporated into every purchase, it is the intent of this policy that City employees will make a good faith effort to incorporate and balance these factors to the maximum extent possible.

2.3 Use of Best Practices

City employees will utilize best practices in sustainable procurement as they evolve. As it applies to this policy, best practices in sustainable procurement are those that utilize leading edge sustainability factors, standards, and procedures in an efficient and effective way that is successful and replicable.

2.4 Toxics in Products and Services

City employees will utilize the framework of the Precautionary Principle as a guide when evaluating the comparative toxicity of products and services.

2.5 Use of Social and Environmental Product or Service Labels

City employees are encouraged to use independent, third-party social and/or environmental (eco) product or service label standards when writing specifications for, or procuring materials, products, or services, so long as such labels:

- Were developed and awarded by an impartial third-party;
- Were developed in a public, transparent, and broad stakeholder process; and
- Represent specific and meaningful leadership criteria for that product or service category.

In addition, whenever possible, label standards used in product or service specifications should represent standards that take into account multiple attributes and life-cycle considerations, with claims verified by an independent third-party.

2.6 Sustainable Procurement Standards

2.6.1 Citywide Sustainable Procurement Standards

The City shall develop Citywide product and service-specific sustainability standards as best practices evolve. These Citywide standards will be developed by Procurement Services in cooperation with stakeholders and approved by the Chief Procurement Officer. Sustainable Procurement standards will incorporate related requirements from City policies, City Code, and other City product and service standards. All sustainable procurement standards will be posted on the employee website and incorporated into City procurement processes.

2.6.2 Building or Bureau Specific Sustainable Procurement Standards

Bureaus or building facilities managers may develop Bureau or building specific sustainable procurement standards as applicable. Bureau or building specific sustainable procurement standards must meet or exceed any existing Citywide standards. Building or Bureau specific sustainable procurement standards shall be submitted to Procurement Services for posting to the employee website.

2.6.3 Sustainable Procurement Standards Compliance

Employees making City procurement decisions are required to comply with the sustainable procurement standards approved by the Chief Procurement Officer. Upon request, exemptions to the sustainable procurement standards may be granted by the Chief Procurement Officer when product or service availability or other reasonable circumstances hinder compliance with the standards.

2.7 City Code and State Law

It is the intent of this policy to complement City code and State laws.

3. Implementation and Responsibilities

3.1 Product and Service Standards

City Bureau Directors shall be responsible for:

- Ensuring Bureau staff utilize sustainable procurement standards and best practices;
- Ensuring that Bureau staff will participate in the development of sustainable procurement standards as applicable to that Bureau;
- Encouraging pilot testing for environmentally preferable/sustainable products; and
- Ensuring applicable internal Bureau policies or procedures:
 - reference this policy and any sustainable procurement standards; and
 - incorporate the use of sustainable products and services that meet the intent of this policy.

The Chief Procurement Officer shall be responsible for:

- Providing resources to develop and coordinate product and service sustainable procurement standards;
- Providing resources for assisting Bureaus with best practices in sustainable procurement; and
- Posting sustainable procurement standards online for distribution to employees.

3.2 Specifications and Contracts

City Bureau Directors shall be responsible for:

- Ensuring that specifications written by their Bureau comply with this policy and incorporate sustainable procurement standards and best practices.

The Chief Procurement Officer shall be responsible for:

- Ensuring procurement/contracting manuals and other internal procedures reference this policy and incorporate sustainable procurement standards and best practices;

- Ensuring that evaluation criteria for determining the responsibility of prospective contractors incorporate sustainability factors that meet the intent of this policy; and
- Developing and integrating sustainable procurement boilerplate language into solicitation document templates.

3.3 Education

City Bureau Directors shall be responsible for:

- Building awareness of this policy and sustainable procurement standards through information dissemination and incorporation into routine employee trainings;
- Encouraging employee attendance at internal and external trainings related to sustainability; and
- Encouraging the use of environmentally preferable/sustainable products and services through information dissemination, development of internal procedures, pilot testing, and leading by example.

The Chief Procurement Officer shall be responsible for:

- Developing employee sustainable procurement resources such as, but not limited to, standards, specifications, tools, and best practices;
- Developing buyer-specific training on sustainable procurement best practices that meet the intent of this policy;
- Developing buyer competency in communicating to other City Bureaus about this policy and opportunities for incorporating sustainable procurement standards and best practices into solicitations and contracts;
- Developing inter-agency communication among public procurement professionals about sustainable procurement best practices; and
- Taking the lead in communicating to existing and potential contractors and the public about this policy and related City requirements.

3.4 Data Collection and Performance Reporting

City Bureau Directors shall be responsible for:

- Cooperating in gathering information for the purposes of tracking, reporting, and evaluating the City's sustainable procurement activities; and
- Integrating Bureau-specific sustainable procurement goals into Bureau sustainability plans.

The Chief Procurement Officer and the Director of the Bureau of Planning and Sustainability shall be responsible for:

- Collaborating on data collection for the purpose of tracking and reporting on the City's sustainable procurement activities and evaluating the effectiveness of this policy.

The Chief Procurement Officer shall be responsible for:

- Issuing an annual or biennial progress report on sustainable procurement activities and the effectiveness of this policy. This report may be a stand-alone report or integrated into a larger Bureau of Procurement Services report.

3.5 Resources

The City shall commit to providing the appropriate dedicated staff levels and related funding to support the implementation and coordination of this policy. This includes activities such as, but not limited to, employee training and resources, professional services, product/service pilot tests, and educational materials.

3.6 Policy Updates and Review

The Chief Procurement Officer shall be responsible for periodically bringing together internal stakeholders to review this policy for updates or to otherwise determine whether this policy is in alignment with other City sustainability efforts and policies.

APPENDIX A: DEFINITIONS

“Biodiversity”: the total diversity of all organisms and ecosystems at various spatial scales (genes, populations, species, ecosystems, and biomes). Biodiversity is often used as a measure of the health of biological systems.

“Environmentally Preferable”: products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal of the product or service.

“Life Cycle Assessment or Life Cycle Analysis (LCA)”: the comprehensive examination of a product’s environmental and economic effects throughout its lifetime including new material extraction, transportation, manufacturing, use, and disposal.

“Life Cycle Cost Assessment (LCCA)”: the comprehensive accounting of the total cost of ownership, including initial costs, energy and operational costs, longevity and efficacy of service, and disposal costs.

“Persistent, Bioaccumulative, and Toxic (PBT) Chemicals”: chemicals that are toxic, persist in the environment, and bioaccumulate in food chains.

“Precautionary Principle”: a framework that guides decision makers to take anticipatory and protective measures when an activity raises threats of harm to human health or the environment, even if some cause and effect relationships are not fully established scientifically.

“Sustainable Procurement”: purchasing materials, products, and services in a manner that integrates fiscal responsibility, social equity, and community and environmental stewardship.

“Toxicity”: the quality, relative degree, or specific degree of being toxic or poisonous.

APPENDIX B: REFERENCES

Related City Resolutions, Ordinances, and Code as of April 2010

1. City Code

- 5.33, 5.34, and 5.68: City Purchasing Code
- 5.33.080: Environmentally Preferable Procurement
- 3.100 Equal Employment Opportunity

2. Resolutions

- Resolution 35338: *Adopt the City of Portland Sustainable City Principles that promote a sustainable future that meets today's needs without compromising the ability of future generations to meet their needs* (November 1994)
- Resolution No. 35879: *Local Action Plan on Global Warming* (April 2001)
- Resolution 35956: *Adopt City of Portland Green Building Policy and Portland LEED Green Building Rating System for implementation by all City Bureaus and Portland Development Commission* (January 2001)
- Resolution 36146: *Adopt City of Portland Sustainable Paper Use Policy and direct its implementation* (June 2003)
- Resolution 36260: *Create the City of Portland Local Business Initiative* (September 2004)
- Resolution 36310: *Green Building Policy Update* (April 2005)
- Resolution 36408: *Adopt the Toxics Reduction Strategy plan to minimize toxic substances of concern in government operations by using the Precautionary Principle* (May 2006)
- Resolution 36525: *Adopt the Portland Recycles! Plan and direct the Office of Sustainable Development to implement its recommendations* (August 2007)
- Resolution 36641: *Adopt the City of Portland Sweatshop Free Procurement Policy and Code of Conduct for Apparel Contractors* (October 2008)
- Resolution 36700: *Adopt a comprehensive update to the Green Building Policy for City government facilities to reflect advances in green building* (April 2009)
- Resolution 36748: *Adopt the joint City of Portland and Multnomah County Climate Action Plan to reduce local greenhouse gas emissions by 80 percent from 1990 levels by 2050* (October 2009)

3. Ordinances

- Ordinance 180313: *Mandate minimum blends of biodiesel and ethanol in petroleum-based fuels sold in Portland and require city-owned vehicles to maximize use of renewable fuels* (June 2006)

City of Portland and Multnomah County



Toxics Reduction Strategy

A plan for minimizing use of toxic substances of concern in government operations by using the Precautionary Principle.

Document prepared by:
Multnomah County Sustainability Initiative
City of Portland's Office of Sustainable Development
Oregon Center for Environmental Health

April 25, 2006

Portland City Council

Tom Potter	Mayor
Sam Adams	Commissioner
Randy Leonard	Commissioner
Dan Saltzman	Commissioner
Erik Sten	Commissioner

Board of County Commissioners

Diane Linn	Chair of the Board
Maria Rojo de Steffey	District 1 Commissioner
Serena Cruz	District 2 Commissioner
Lisa Naito	District 3 Commissioner
Lonnie Roberts	District 4 Commissioner

For additional copies, please contact:

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721 NW 9th Ave., Suite 350
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Phone 503-823-7222

Or access this document at the following websites:

www.sustainableportland.org
www.co.multnomah.or.us/dbcs/sustainability

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Laura Weiss, Workgroup Appointee
Oregon Environmental Council

April 25, 2006

Dear Friends,

Preventing pollution has long been common practice at the City of Portland and Multnomah County. For decades, City bureaus and County departments have shown great innovation in reducing the use of hazardous substances. Despite these efforts, the continued presence of toxic pollutants in our environment is troubling. We are pleased, therefore, to introduce this Toxics Reduction Strategy, which seeks to build on existing City and County efforts and exercise leadership in choosing safer alternatives whenever non-toxic methods are effective, available and affordable.

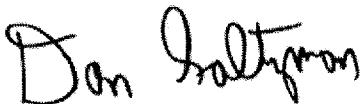
Certain environmental pollutants are well established as preventable risk factors in a number of chronic diseases, disabilities and premature deaths. Even here in our own community, low income and underserved populations are disproportionately exposed to toxic substances and pollution, and children bear greater risks of the potential resulting health affects. Further development and use of safer alternatives to hazardous substances and products in Oregon has the potential to spur business growth, create jobs, improve public health, lower the costs of health care and special education and protect the environment.

This Strategy outlines actions that will help to minimize the procurement, use and release of toxic substances in our government operations by using the framework of the Precautionary Principle as a guide. The Precautionary Principle, a fundamental aspect of environmental agreements throughout the world, offers the City and County a common-sense approach to preventing public health and environmental impacts wherever practical. By adopting this Toxics Reduction Strategy, the Portland City Council and the Multnomah County Board of Commissioners will establish a goal of replacing toxic substances, materials or products of concern with viable least-toxic alternatives by 2020. Achieving this goal will require continued action to build on existing efforts and collaboration at all levels and functions of our operations.

We wish to thank the City and County staff members and the individuals, organizations and professionals who provided valuable guidance on the development of this Strategy. This work would not be possible without their continued vision, expertise, innovation and dedication. Working together, we move closer to our vision of a sustainable healthy community and we lead by example, using government operations as a starting point for minimizing toxics in our community and protecting the health of our children.

Thank you for your interest in this vital issue.

Sincerely,



Dan Saltzman
City of Portland Commissioner



Maria Rojo de Steffey
Multnomah County Commissioner

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Executive Summary

Many products and materials used in government operations contain toxic substances of concern. For instance, lead is still found in electronics and paints, mercury can be found in cars and fluorescent light tubes and arsenic can be found in some treated wood. Exposures to persistent, bioaccumulative and toxic pollutants (PBTs) in water, air and soil have been linked to serious health impacts, including cancer, asthma, birth defects, developmental disabilities, autism, endometriosis, and infertility (EPA, 2006; Lockwood, 2000; Collaborative for Health and Environment, 2006). The Precautionary Principle is an emerging paradigm that suggests taking precautionary measures when an activity raises threats of serious or irreversible harm, even if some of the cause-and-effect relationships are not fully established (UN, 1992; Wingspread, 1998). Such a precautionary approach involves several key components: establishing goals, seeking out and evaluating alternatives, community right-to-know reporting, full cost accounting, and developing more participatory and transparent decision-making methods.

Using the Precautionary Principle as a framework, the Toxics Reduction Strategy (Strategy) builds on existing efforts to reduce the use of toxics in government operations. In almost every category of goods or services, there are alternatives that offer reduced threats to human and environmental health. Using a systematic and documented process, staff and others with relevant expertise actively seek out and evaluate the availability, effectiveness and affordability of alternatives. With guidance from the City Council and the County Board of Commissioners, a Steering Committee facilitates the implementation of the Strategy. The Strategy outlines an initial plan that will be refined and expanded in years to come by the Steering Committee, staff, the community and other key stakeholders.

The long-term vision of the Strategy is to promote a healthy community and environment by eliminating the governmental purchase, release and use of toxic substances that present potential negative health or environmental impacts. Specifically, the Strategy establishes the goal of using the Precautionary Principle as a framework for replacing toxic substances, materials or products of concern with viable least-toxic alternatives by 2020. These efforts will be guided by the following principles:

- Use products and substances that do not contain or generate persistent bioaccumulative and toxic chemicals, heavy metals of concern, or known, probable or suspected carcinogens, mutagens, teratogens, endocrine disrupters, organ toxics or respiratory irritants.
- Use effective and progressive integrated pest management strategies to minimize reliance on pesticides of concern and to ensure careful screening of products and their application to minimize adverse impacts.
- Effectively utilize procurement tools that support toxics reduction in the purchase of all goods and services.
- Implement best management practices that support toxics reduction and proper waste management in all operations.

The vision, goal and guiding principles outline the overarching intent of the Strategy to minimize the use of toxics at the City and County, and the specific action recommendations outline first steps. Recommendations include, but are not limited to:

- Establish a purchasing policy, product specifications and boilerplate procurement language to specifically support the reduction of toxics.
- Completion of a comprehensive chemical inventory and development of a chemical management system.
- Evaluate alternative cleaning products, disinfectant practices, laundering services, light tubes, electronics, industrial paints, wheel weights, fuels, medical supplies, office supplies and building materials.
- Implement best management practices that support toxics reduction and proper waste management, such as the recycling of heavy metals and electronic wastes, and a comprehensive idle reduction program.
- Review, modify and update the Strategy on a regular basis.

In addition to minimizing potential adverse impacts to community health and the environment, other potential benefits exist, including: lowered costs related to pollution control, regulatory compliance, liability and worker safety; economic development opportunities through creating new markets for local businesses to provide safer alternative products, services, and technologies; and improved safety for emergency response personnel, especially firefighters. These efforts will enhance the quality of life in Portland, a priority for citizens who want to feel comfortable catching fish from our rivers, breathing our air and eating locally-grown foods.

PART 1: Why a Toxics Reduction Strategy?

Introduction

While not every chemical, whether naturally derived or synthetically manufactured, has been linked to specific health risks to people and the environment, some of these chemicals are known to be persistent and bioaccumulative, meaning they do not break down readily and tend to accumulate in living organisms. These substances may contaminate the air, the land, our food and our water. Unfortunately, toxicological data only exist for about 7% of 85,000 registered chemicals, and tens of thousand of chemicals are not even registered (Goldman & Koduru, 2000). These factors make it difficult for us to know definitively which products or toxic contaminants threaten our health and environment.

Through the emerging science of biomonitoring, the Centers for Disease Control and Prevention (CDC) has recently measured levels of 148 different metals, chemicals and their metabolites in humans, including mercury, pesticides and phthalates. According to the CDC, more research is needed to determine whether exposure levels reported are cause for health concerns (CDC, 2005). However, the presence of some of these persistent and bioaccumulative substances may have negative effects of which we are unaware. Recent studies have shown that some of these substances can impact the earliest stages of life, exposing developing fetuses to a combination of chemicals whose impacts are just beginning to be understood (Schettler, 2001). There is also great concern that exposure-related health outcomes are distributed unevenly across various sectors of society. One pivotal report, sponsored by The United Church of Christ Commission for Racial Justice, found race to be the single most important factor, more important than income, in the location of abandoned toxic waste sites (UCCCRJ, 1987).

For the purposes of this Toxics Reduction Strategy, “**toxics**” is defined as environmental pollutants that cause negative health or environmental impacts. These environmental pollutants can be in the air, water and/or land or in the indoor environment. The City and County are not limiting the term “toxics” to chemicals listed on one or more statutes or regulations.

This definition is based on the wording used by the Environmental Protection Agency's CARE program.

The Pacific Northwest, known for its pristine environment and high quality of life, has its share of toxic pollutants. Consider the following:

- Fourteen air pollutants in Multnomah County exceed health-based benchmarks. Six of those pollutants are more than 10 times national health standards (Multnomah County Health Department, 2003).
- The Oregon rate for asthma, which can be triggered by air toxics among other exposures, is higher than the national average (Oregon Asthma Network, 2005).
- The Willamette River is contaminated with industrial and agricultural toxics, including mercury, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), chlorinated pesticides and dioxin. The section of the river in the heart of our city, the Portland Harbor, is listed for clean-up under the national Superfund program (Oregon DEQ, 2000; EPA, 2000).
- Certain fish species in 16 waterways in Oregon, including the Portland Harbor section of the Willamette River, contain mercury, PCBs and wood treating chemicals at levels harmful to health if consumed (Oregon Department of Human Services, 2004).
- Increasing body burdens (the level of bioaccumulation in humans) of toxic chemicals widely used as fire retardants have been found in human tissue and breast milk, including in women in the Pacific Northwest, and pose a potential public health threat to future generations (California Environmental Protection Agency, 2006; Northwest Environment Watch, 2004).
- Oregon women ranked eighth in the US for cancer incidence and mortality rate in 2001 and 2002, and Multnomah County had the third highest incidence rate in the state (545.9 per 100,000 people) (National Cancer Institute, 2001; Oregon State Cancer Registry, 2002; North American Association of Central Cancer Registries, 2005). It is important to note, however, that exposure to environmental pollutants is only one of a number of complex factors affecting cancer incidence and death rates.

Motivated by new research on toxic chemicals and their potential impacts on public and environmental health, communities across the nation are taking a proactive approach, stating their preference for safer alternatives to toxic chemicals wherever possible. In the U.S. "pollution prevention" is being adopted as a standard best practice for protecting public health, the environment and the economy. For example, from 1990 to 1999, Massachusetts companies implementing pollution prevention reported a reduction in chemical waste by 57 percent, a reduction in the use of toxic chemicals by 40 percent and a reduction in chemical emissions by 80 percent. These companies reported saving \$15 million as a result of these efforts. This figure does not include other benefits which are non-quantifiable, such as health, safety and environmental benefits, as well as other measures of well-being (Massey and Ackerman, 2002).

Historically, environmentally harmful activities have only been stopped after they have manifested extreme environmental degradation or exposed people to harm. In the cases of DDT, lead and asbestos, for instance, regulatory action took place only after disaster and disease occurred. The delay between first knowledge of harm and appropriate action to deal with it can be measured in a lower quality of life, numerous injuries and

Precautionary Principle Approach to Decision Making:

Where there are reasonable grounds for concern, the precautionary approach to decision-making is meant to help reduce the threat of serious or irreversible harm by triggering a process to select the least potential threat. The essential elements of the Precautionary Principle approach to decision-making include:

1. **Anticipatory Action:** Anticipatory action prevents harm. Government, business, community groups and the public share this responsibility.
2. **Right to Know:** The community has a right to know complete and accurate information on potential human health and environmental impacts associated with the selection of products, services, operations or plans. The burden to supply this information lies with the proponent, not with the general public.
3. **Alternatives Assessment:** An obligation exists to examine a full range of alternatives and select the viable alternative with the least potential impact on human health and the environment, including the alternative of doing nothing.
4. **Full Cost Accounting:** When evaluating potential alternatives, there is a duty to consider all the reasonably foreseeable costs, including raw materials, manufacturing, transportation, use, cleanup, eventual disposal and health costs even if such costs are not reflected in the initial price. Short-and long-term benefits and time thresholds should be considered when making decisions.
5. **Participatory Decision Process:** Decisions applying the Precautionary Principle must be transparent, participatory and informed by the best available information.

From: San Francisco Precautionary Principle Ordinance, 2003.

disabilities, tremendous costs for health care and remediation, and the loss of many human lives. The Precautionary Principle has emerged as one of the leading environmental health frameworks in shaping new policy. The Precautionary Principle is an example of a preventive and protective approach to identifying potentially harmful substances and evaluating safer alternatives to their use.

Portland and Multnomah County have earned the reputation of being a "green" community through decades of work to support urban sustainability through energy efficiency, waste reduction and recycling, green building and urban habitat protection. However, more work needs to be done by local governments to reduce the community's exposure to substances that are potentially harmful to human health and our environment. This Toxics Reduction Strategy was developed as a way to integrate the Precautionary Principle into existing processes and create a plan of action to identify and use safer alternatives whenever they are available, effective, and affordable.

Background

In 2003 and 2004, the City, County and Oregon Center for Environmental Health, along with other partners including the Sustainable Development Commission and the national BE SAFE network, hosted workshops on environmental health and the Precautionary Principle. Based on the feedback from these workshops and other stakeholders, the Sustainable Development Commission and Oregon Center for Environmental Health developed a white paper to make the case for a toxics reduction strategy at the City and County (OCEH and SDC, 2004). Ultimately, a joint resolution was adopted in September of 2004 establishing a workgroup to develop a Toxics Reduction Strategy for City and County operations, using the Precautionary Principle as a framework (see Appendix B: 2004 Resolution to Develop Toxics Reduction Strategy).

Strategy Development

In early 2005, a Toxics Reduction Workgroup (Workgroup) was formed, comprised of representatives from the community, environmental advocacy groups, local government, business, academia, and City and County staff. This Workgroup held monthly meetings that were open to members of the community beginning in May of 2005. The Workgroup: identified toxics of most concern in the local environment based on prior assessments; interviewed several City and County bureau and department stakeholders; and documented current chemical inventory procedures and reviewed several best practices in toxics reduction (see Appendix D:

Bibliography and Additional Resources). The best practice review focused on existing policies to reduce toxics that had been adopted and implemented locally as well as in other communities. This review provided the Workgroup with guidance on how best to organize the strategy, possible challenges in the application of toxics reduction and preliminary recommendations that are based on successful actions taken by other municipalities.

Multnomah County's priority-based budget setting process has enabled the County to focus on the top priorities of the community. One of these five priorities points to a healthy environment, and states that as a resident "I want to have clean, healthy neighborhoods with a vibrant sense of community."

Based on published pollutant reduction lists by the Environmental Protection Agency, Oregon Department of Environmental Quality, Washington Department of Ecology, California Environmental Protection Agency, Oregon Environmental Council, as well as input from citizens, a Priority Chemicals of Concerns list was compiled as a starting framework to guide the strategy development process (see Appendix C: Table 1).

The Sustainable City Principles, adopted by the City of Portland in 1994, include a goal to "Prevent additional pollution through planned, proactive measures rather than only corrective action. Enlist the community to focus on solutions rather than symptoms."

The Workgroup focused on gathering information on pollutants likely to be contained in chemicals and products used at the City and County and where opportunities for replacement or reduction could be readily identified. This information was compiled in a Preliminary Target List (see Appendix C: Table 2) which was used by the Workgroup to create the Strategy's initial set of recommendations. Over time, additional pollutants may be added as subsequent health data and alternative products become available.

The Workgroup also conducted staff interviews and surveys at selected bureau and department sites. Through this process the Workgroup gained a better understanding of some of the substances and products

commonly used in local government operations. The survey included a cursory review of primary chemicals used by the bureau or department and questions to gather staff suggestions on how to reduce toxics while supporting smooth working operations.

Feedback from staff revealed that:

- Support exists among employees for a toxics reduction strategy and that several departments have been innovative in reducing toxics to date;

- Staff want to actively participate and retain decision-making authority in any process that involves adopting products or practices which impact their work environment or responsibilities;
- Alternative products need to be evaluated based on their availability, durability, performance, initial and long-term cost, overall impact and their potential to create additional indirect costs; and
- Centralized procurement tools, such as product specifications, evaluation criteria and procurement guidelines, can be utilized in implementing efforts to reduce the use and impacts of toxics.

The City and County both have agency-wide sustainability projects and policies underway that support toxics reduction. For example, the County's adopted Sustainability Principles state: "Take necessary precautions to prevent toxic pollution and waste through proactive measures." Other efforts, such as the joint Sustainable Procurement Strategy, the City's Sustainable Paper Use Policy and the County's Green Cleaning Policy support further actions to reduce toxics in government operations. Below you will find a few brief examples of some of the exciting work in this area being done at the City and County.

CITY SUCCESSES

<u>Chemical Substitutions</u>	<u>Minimal Pesticides in Parks</u>	<u>Chemical Reductions</u>
<p>A new protocol was developed by the City's Wastewater Treatment Plant to find a less toxic alternative to disinfect wastewater effluent. Sodium Hypochlorite 12%-15% (liquid bleach) was recently substituted for the use of liquid chlorine, eliminating an extremely hazardous human and environmental health threat and resulting in nearly \$200,000 in annual savings from avoided safety and reporting requirements.</p>	<p>City Park's Integrated Pest Management Program has been hailed nationwide as a progressive model that addresses potential impacts and has reduced reliance on pesticides. Parks also worked with Salmon-Safe, Inc. to develop best practice third-party certification standards for urban restoration efforts and land management practices that help preserve habitat and waterways for salmonids. Portland Parks is currently the only park system in the country to receive the Salmon Safe designation.</p>	<p>In an effort to reduce employee exposure to hazardous products, the City's Water Bureau conducted a complete review of chemicals, reduced their inventory by 29% and established a new chemical/product procurement process requiring a health and safety review before purchasing. Working together with the Bureau of Maintenance, an effective online Material Safety Data Sheet system was developed.</p>

COUNTY SUCCESSES

<u>Chemical Safety Reviews</u>	<u>Green Cleaners</u>	<u>Pollution Prevention in Fleet</u>
<p>As a way to evaluate the potential impact of chemical products and specify safe handling techniques for new products, a chemical review procedure was developed by the County to ensure employee safety when using chemical products in the workplace. This has been adopted as County Administrative Procedure RSK-21.</p>	<p>As a part of the Sustainable Procurement Strategy, general cleaning products used in facility maintenance at the County were reviewed for their human health and environmental impacts. As a result, a Green Cleaning Policy was adopted to phase-in sustainable cleaning products and the procurement of Green Seal certified products is underway.</p>	<p>County Fleet Maintenance shops have done significant work to incorporate Pollution Prevention into their daily operations, earning designations as a GREAT business from City of Gresham, and as an EcoLogical business by the region's Pollution Prevention Outreach Team.</p>

Based on the Workgroup's initial findings of the pollutants of greatest concern in our region, identifying where government operations can have an impact and reviewing the efforts of peer government agencies, a collection of proposed actions have been compiled in the Recommendations section of the Strategy. These recommendations serve as an initial starting point for toxics reduction and will be evaluated and updated regularly to ensure continuous improvement.

PART 2: Recommendations

The Toxics Reduction Strategy is intended to be a working example of the Precautionary Principle, adopting the notion that "An ounce of prevention is worth a pound of cure." More specifically, where threats of serious or irreversible damage to people or the environment exist, lack of full scientific certainty about cause and effect shall not be viewed as sufficient reason for the City or County to postpone cost-effective measures to prevent the degradation of the environment or to protect the health of its citizens. This perspective offers an approach to toxics reduction that can be used in conjunction with traditional risk assessment and risk management models.

Where there are reasonable grounds for concern, the precautionary approach to decision-making is meant to help reduce harm by triggering a process to seek alternatives that pose the least potential threat using the best information available. Gaps in scientific data uncovered by the examination of alternatives provide guideposts for future research, but should not prevent protective action from being taken by the City or County. As new scientific data become available, the City and County will review their decisions and make adjustments when warranted.

The intent of the Strategy is to provide the process framework for the City and County's efforts to reduce the use and impacts from toxic substances of concern by seeking viable least-toxic alternatives in a variety of opportunity areas. The Strategy outlines an initial plan that will be refined and expanded in years to come by the Steering Committee, City and County staff, and other key stakeholders. Staff from bureaus and departments with relevant responsibilities and expertise have the primary responsibility for investigating, evaluating and testing the viability of alternatives, and for making final recommendations for bureaus and departments to consider for implementation.

While utilizing the tenets of the Precautionary Principle, the long-term vision and goal (see below) of the Strategy are accomplished by:

- Assessing current practices and replicating those that exemplify best management practices in other bureaus and departments;
- Evaluating alternative products and practices through a transparent, participatory and informed process; and
- Preventing new toxic substances of concern from entering operations through the effective utilization of a variety of procurement and chemical management tools.

The guiding principles outlined below provide the context for these efforts and should not be construed as blanket bans or directives. It is understood that the toxicity of a product or substance is only one factor that enters into an assessment of its suitability for use. Other factors that will be considered include, but are not limited to, the impacts of a product or chemical's life cycle, costs, staffing, equipment warranties and capital investment requirements, as well as expected benefits such as savings, avoided costs, improved safety and reduced liability (see Part 3: Implementation).

In evaluating alternatives, a concerted effort will be made to utilize the hierarchy provided in the US EPA's *Pollution Prevention Act of 1990*:

- Pollution should be *prevented* or *reduced* at the source whenever feasible;
- Pollution that cannot be prevented should be *recycled* in an environmentally safe manner whenever feasible;
- Pollution that cannot be prevented or recycled should be *treated* in an environmentally safe manner whenever feasible; and
- Disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

Long-term Vision

Promote a healthy community and environment by eliminating the governmental purchase, release and use of toxic substances that present potential negative health or environmental impacts.

Goal

By using the Precautionary Principle as a framework, replace toxic substances, materials or products of concern with viable least-toxic alternatives by 2020.

Guiding Principles

1. Use products and substances that do not contain or generate persistent bioaccumulative and toxic chemicals, heavy metals of concern, or known, probable or suspected carcinogens, mutagens, teratogens, endocrine disrupters, organ toxics or respiratory irritants.
2. Use effective and progressive integrated pest management strategies to minimize reliance on pesticides of concern and to ensure careful screening of products and their application to minimize adverse impacts.
3. Effectively utilize procurement tools that support toxics reduction in the purchase of all goods and services.
4. Implement best management practices that support toxics reduction and proper waste management in all operations.

Proposed Actions

The tables below provide specific preliminary actions designed to move the City and County toward achieving the Strategy's vision and goal. The Strategy, including the proposed actions, is a "living document" and will be reviewed, modified, and updated on a regular basis (see Part 3: Implementation). The recommendations outlined below provide initial steps that build on existing efforts and are not intended to serve as an exhaustive, all-inclusive list. In addition, the topical header statements (gray boxes) are meant to assist the reader in navigating the recommendations and to connect the proposed actions back to the guiding principles above. The language used for both the proposed actions and the topical header statements is intended to reflect the ideal outcome of each recommendation and should not be interpreted as a blanket directive or ban. Staff are responsible for evaluating the viability of the proposed actions and for making final recommendations for bureaus and departments to consider for implementation.

The action items are divided into Foundation Building & Ongoing, Short-term, and Mid-term actions with the general focus areas of:

- Procurement
- Use & Management
- Disposal & Recycling
- Performance Measurement
- Education & Outreach

These action items provide a road map and timeline for the initial toxics reduction efforts included in the Strategy. The timelines are meant to assist the City and County in building a comprehensive program that will effectively minimize toxics over time. The short-term actions are intended to build the foundation of the Strategy and ensure the completion of actions already underway. The mid-term actions are intended to identify more complex actions for the City and County to undertake. Throughout the implementation of the Strategy, the City and County will work to realize the Strategy's goal and inspire other local governments, businesses and the community to take action as well.

A preliminary effort has been made to identify the primary City bureau(s) and/or County department(s) that have expertise in the issue and/or whose work may be impacted by the proposed actions (italicized text following each proposed action item in the tables below). These bureaus and departments will be included on any workgroups created for the various proposed action items (see acronym legend at end of this section for clarification). In addition, staff are encouraged to invite additional co-workers, stakeholders and other persons with relevant expertise to join the groups to provide information and assistance that may add value to their work (see Part 3: Implementation for more details).

Foundation Building & Ongoing Actions

PROCUREMENT

FOUNDATION BUILDING ACTIONS 2006-2010

Purchases

Develop and utilize purchasing tools to assist the City and County in achieving the vision and goal of the Toxics Reduction Strategy.

1. In collaboration with bureaus, departments and qualified experts, develop a comprehensive list of chemicals, materials, substances and products to be banned from purchase by the City and County.
 - This list will include substances prohibited by legislation, as well as other toxic substances for which viable alternatives are available for specific applications.
 - This list will include the recently banned flame retardants pentabrominated diphenyl ether and octabrominated diphenyl ether.
 - Create a process for timely review to authorize exemptions for specific applications where no viable alternatives are available.
 - Provide training regarding the banned list to educate staff and external stakeholders involved in all types of public procurement, including small, intermediate and informal processes. Training should be incorporated into existing staff training opportunities (e.g. purchasing training) whenever possible.
 - Ensure this list is regularly reviewed, updated and communicated to staff.
 - Explore the ability to include penalties or consequences for non-compliance by vendors during the procurement process or contract term.

STEERING COMMITTEE

CITY: BOP, OSD

COUNTY: CPCA, SUST

2. In collaboration with bureaus, departments and qualified experts, develop a comprehensive purchasing policy, standard specifications and procurement guidelines.
 - Assist with the development of specifications and/or guidelines regarding procuring the least toxic alternatives for materials, substances and products purchased through all types of public procurement, including small, intermediate and informal procurement.
 - In assessing economic feasibility, long-term public health and environmental considerations should be considered, as well as avoided costs, improved safety and reduced liability.
 - As part of the purchasing policy, work collaboratively with the "State Procurement Interagency Team" (created by Governor Kulongoski's sustainability Executive Order No. 06-02) to incorporate specifications for least toxic alternatives into future State solicitations.

CITY: BOP, OSD

COUNTY: CPCA, SUST

3. Develop boilerplate procurement language that places the burden of proof on a vendor to demonstrate that their product(s) are safe for human health and the environment.
- Language should include requirements for the vendor to provide information sufficient to permit a reasonable evaluation of the potential human and environmental health impacts of the substances contained in the product(s) (such as full ingredient lists or third-party certification).
 - Language should give the City and County authority to make procurement decisions that, based on the Precautionary Principle, take anticipatory action to prevent harm to human health and the environment. This authority shall be in accordance with Oregon Public Contracting Code (ORS 279 A, B and C) and other relevant public procurement regulations.

CITY: BOP, OSD
COUNTY: CPCA, SUST

USE & MANAGEMENT

FOUNDATION BUILDING ACTIONS 2006-2010

Inventory	Conduct a City- and County-wide inventory to ensure the Strategy adequately addresses toxics substances of concern currently in use.
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4. Departments and bureaus will conduct an inventory of all chemicals, products and substances that are used by the City and County on an annual basis.
- The inventory will include estimates of quantities or volumes used annually, as well as those that are stockpiled or no longer used, as applicable.
 - The workgroup will develop the inventory scope (e.g. what type of “products” or “substances,” which bureaus or departments will participate, etc.) and a reporting template to capture all data in electronic form.
 - Using credible resources, expertise and publicly available lists, the Steering Committee will provide technical assistance in identifying and prioritizing toxics of concern that are found in the inventoried chemicals, products and substances.
 - Inventory will include materials that become medical, biological or hazardous wastes and will document waste treatment methods (e.g. incineration).
 - Bureau and department staff will ensure that a current MSDS (Material Safety Data Sheet) is on file for all applicable chemicals, products or substances identified in the inventory.

CITY: ALL
COUNTY: ALL

5. Based on the City- and County-wide baseline use inventory and associated toxics analysis (outlined above), the Steering Committee, in collaboration with stakeholder bureaus and departments, will:
- Review and update the action items and banned list for purchases outlined in the Toxics Reduction Strategy accordingly.
 - Include the development of procurement specifications for persistent bioaccumulative and toxic (PBT) chemicals not already addressed in these initial recommendations as future action items.

STEERING COMMITTEE

PERF. MEASUREMENT

FOUNDATION BUILDING ACTIONS 2011-2015

Strategy Review	Conduct comprehensive review of progress toward achieving the goal of replacing toxic substances, materials or products of concern with viable least-toxic alternatives by 2020.
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6. Create evaluation workgroup with stakeholders from the City, County and community to review and update the Strategy and incorporate any remaining actions required to achieve the goal.

STEERING COMMITTEE

EDUCATION & OUTREACH**ONGOING ACTIONS**

7. Coordinate staff training on the Strategy and toxics reduction techniques including use of the Precautionary Principle.
- As needed, facilitate staff access to guidance from professionals with specific and relevant expertise, including other City and County staff and external parties.
 - Develop a mechanism for sharing information and programs across bureaus and departments.
8. Develop a comprehensive outreach and education program for local governments in the Portland Metro region, businesses and the community about pollution prevention techniques and using the Precautionary Principle framework for reducing and eliminating toxics.

*STEERING COMMITTEE**CITY: OSD
COUNTY: SUST***Short-term Actions: 2006 through 2010****PROCUREMENT****SHORT-TERM ACTIONS 2006-2010**

Cleaners	Seek to use industrial and commercial cleaning chemicals and products that do not contain potentially harmful substances.
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9. Using the County's recent cleaning products procurement and Green Cleaning Policy as a guide, the City will establish guidelines for the purchase and use of non-toxic cleaning products, including the products used by janitorial contractors.

*CITY: BGS, Parks, BOP, Fire
COUNTY: N/A*

10. Seek effective, least-toxic alternatives to disinfectants containing toxic substances or presenting other human health hazards.
- Limit the purchase and use of hazardous disinfectants to only those applications where absolutely necessary (e.g. where aggressive contamination outbreaks are possible).
 - Use of hazardous disinfectants is to be done only by workers trained in the use of the particular disinfectant(s).

*CITY: BGS, Parks, BOP, Fire
COUNTY: SUST, Stores, MCSO, Health, Risk*

11. Ensure all uniform laundering services contracted by the City and County use non-toxic cleaning products and processes.
- All uniform supply and laundering service contractors have, and are in compliance with, required water discharge and pre-treatment permits.
 - Any contracts or pricing agreements secured or negotiated by the City or County require PERC-free (perchloroethylene) dry cleaning processes.
 - Encourage staff to use PERC-free dry cleaning options for personal uniform laundering (e.g. public safety officers).

*CITY: PS, BOP
COUNTY: CPCA, MCSO, Health, FM*

Dioxin	Seek to use products and materials that do not create dioxins during their manufacture, use or disposal.
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12. Per adopted policies on paper use, ensure all white copy/printer paper purchased and used for City and County business is "Process Chlorine Free" (PCF) and encourage the purchase of non-chlorine bleached envelopes, file folders, paper towels and toilet paper. Encourage external parties purchasing paper or ordering print jobs from the City or County to specify similar non-chlorine bleached products as applicable.

CITY: ALL, BOP, P&D

COUNTY: Stores

13. Promote the purchase of PVC-free office supplies by City and County staff.

CITY: ALL, BOP

COUNTY: CPCA, Stores

14. Inventory all PVC medical devices and gloves currently in use by County health clinics and public safety. Identify where alternatives exist, and develop and implement a phase out plan.

CITY: PS, Fire

COUNTY: Health, MCSO, SUST

Mercury	Seek to use products that do not contain mercury including medical products, lab chemicals, dental products, consumer products (such as switches, thermostats, gauges and barometers) and vehicles.
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15. Specify low-mercury lamps for all fluorescent lighting, to be recycled at the end of use.

CITY: BGS, Parks, Fire, BOP, OSD, Water, PDOT

COUNTY: FM

16. As called for under the Oregon Mercury Reduction Act of 2001, beginning in 2006:

- All new thermostats installed are mercury free.
- Ensure manufacturer adheres to requirement of mercury-free switches in new vehicle and equipment purchases.

CITY: BGS, Parks, Fleet, Fire

COUNTY: FM, CPCA, Fleet

USE & MANAGEMENT

SHORT-TERM ACTIONS 2006-2010

Heavy Metals	Seek to use products that do not contain heavy metals of concern and ensure the responsible capture and recycling for those that are currently in use.
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17. Inventory and label equipment and devices that contain mercury.

- Include thermostats, as required by Oregon Mercury Reduction Act of 2001.
- Develop and implement a plan to remove and/or replace with mercury-free alternatives, including switches in vehicles, traffic light signals and other equipment.

CITY: BGS, Parks, Fleet, Fire, PDOT

COUNTY: FM, Fleet

18. As the market allows, purchase and use non-toxic industrial paints, including paints used on roads, bridges and other metal structures.

CITY: PDOT, Water

COUNTY: DCM, Fleet, Bridges, FM

19. Replace lead wheel weights on City and County fleet vehicles with viable non-toxic alternatives.

CITY: Fleet
COUNTY: Fleet

20. Increase purchase of renewable electricity for County operations, especially for electricity from sources that contribute toxic pollution to the environment, such as mercury.

CITY: N/A
COUNTY: SUST, FM

Vehicle Emissions Minimize particulate matter, and other emissions of concern, from City and County vehicles and equipment.

21. Develop goals and an implementation plan to significantly increase the use of alternative fuels such as biodiesel in vehicles, as well as off-road equipment.

CITY: Fleet, large user bureaus.
COUNTY: Fleet

22. Install retrofit emission control technologies on vehicles and equipment.

- Seek any additional financial resources as needed (i.e. grant funding).

CITY: Fleet, large user bureaus, OSD
COUNTY: Fleet, SUST

23. Implement comprehensive emission reduction programs.

- To help achieve additional resource conservation and global warming goals, the programs should include gasoline-powered vehicles and equipment, in addition to diesel vehicles.
- Implement a comprehensive idle reduction program that includes vendors and contractors servicing the City or the County.
- Develop strategies to improve vehicle utilization, including right-sizing, efficient travel (e.g. consolidated maintenance routes, carpooling, etc.) and fuel efficiency guidelines.

CITY: Fleet, Water, BES, PDOT, Parks, PS
COUNTY: Fleet, Transportation, Animal Control, FM, MCSO

DISPOSAL & RECYCLING

SHORT-TERM ACTIONS 2006-2010

Heavy Metals Ensure best management practices are implemented for the proper management, recycling and disposal of products containing heavy metals.

24. Recycle all mercury-containing fluorescent light tubes and non-alkaline batteries through reputable sources that can ensure heavy metals are captured.

CITY: BGS, Parks, Fleet, Fire, Water
COUNTY: FM

25. Ensure best management practices are implemented for products or materials (typically wood and metal) that contain, or have been treated or coated with materials containing heavy metals of concern; including arsenic, lead and hexavalent chromium.

CITY: BGS, Parks, Water, BES, PDOT
COUNTY: FM

26. Install mercury amalgam separators at County dental clinics and ensure proper disposal of collected mercury.
CITY: N/A
COUNTY: Health
27. Ensure best management practices are implemented for the responsible reuse, recycling and disposal of electronic wastes, including computers, monitors, peripherals, phones, printers, copiers, etc.
CITY: BTS, P&D
COUNTY: IT, Central Stores

Mid-term Actions: 2011 through 2015

PROCUREMENT

MID-TERM ACTIONS 2011-2015

PVC, Dioxins and Heavy Metals	Seek to use products that do not contain, release or produce polyvinyl chloride (PVC), heavy metals of concern or dioxins.
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28. Identify additional opportunities to establish procurement specifications and evaluation criteria that support the use of, when feasible, PVC-free flooring, piping (including storm pipe and landscaping pipe), building materials and finishes, electronics, office and medical supplies.
- When appropriate, consider products meeting applicable third-party certifications and/or standards (e.g. Green Seal, California's Specification Section 01350, etc.).
- CITY: BOP, BGS, BTS, Fire, PDOT*
COUNTY: CPCA, FM, Stores
29. As the market allows, develop specifications for the purchase of electronics, paints and plastic products that do not contain heavy metals of concern, including lead, mercury, cadmium, chromium or arsenic.
CITY: BOP, BTS, PDOT
COUNTY: CPCA, IT, FREDS, Bridges, Stores
30. Develop electronic product vendor "take back" specifications for the next round(s) of City and County procurement contracts.
- Include in procurement contracts for new computers, monitors, peripherals, phones, printers and copiers.
 - Specify least-toxic components and casings.
 - Ensure responsible recycling and disposal of all components by selected "take back" vendors.
- CITY: BTS, BOP*
COUNTY: CPCA, IT, Stores
31. Continue to research all types of products for their contribution to the creation or release of heavy metals or dioxins during the manufacture, generation or disposal of such products, including electricity generated from the combustion of fossil fuels.
CITY: BOP, OSD
COUNTY: CPCA, SUST

Flame Retardants	Identify any emerging alternatives for office furniture, carpets, electronics, equipment and products that are free of all toxic flame retardants.
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32. Establish procurement specifications and evaluation criteria that support the use of products that do not contain the flame retardant decabromodiphenyl ether (DecaBDE) (if not already banned in the State of Oregon during this timeframe).
CITY: BOP, OSD
COUNTY: CPCA, SUST

Vendor Practices	Use the government's purchasing power to influence the marketplace and encourage toxics reduction by those providing products and services to the City and County.
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33. Establish procurement specifications and evaluation criteria that encourage vendors and contractors to utilize alternative fuels and/or emission control technologies that significantly reduce particulate matter and other air emissions of concern.
- Evaluate opportunities to encourage the use of alternative fuels and/or emission control technologies for garbage haulers and taxi cabs.
 - Seek to require contractors to use, at a minimum, ultra-low sulfur diesel in off-road equipment.
 - Develop a method for tracking progress and monitoring results.

CITY: BOP, OSD, BES, Water
COUNTY: CPCA, Fleet, Roads

34. Establish procurement specifications and evaluation criteria that encourage vendors to provide non-toxic products and services, as well as practice toxics reduction strategies in their internal business operations, including the use of alternative fuels and renewable power.

CITY: BOP, OSD
COUNTY: CPCA, SUST

USE & MANAGEMENT

MID-TERM ACTIONS 2011-2015

Chemical Management	Develop and implement a jurisdiction specific City- and County-wide chemical management program for all chemicals and products containing chemicals.
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35. Ensure the chemical management program addresses best practices for chemical procurement, delivery/distribution, inventorying, use (including chemical substitution research), collection, monitoring/reporting, training, treatment and disposal.
- Explore a variety of management approaches, including the model of contracting for Chemical Management Services.
 - Utilize a support tool database, such as Zero Waste Alliance's Chemical Assessment and Ranking System (CARS), in conjunction with information on how chemical products are used, to assess and rank chemicals and to set goals for substitution or elimination. The database will include publicly available and well-documented information on the potential chemical hazards related to human health and safety, ecological health and ecosystem-wide impacts.
 - Evaluate and update comprehensive list of chemicals, materials, substances and products that are banned from purchase or use by the City and County. Ensure this list is regularly reviewed, updated and communicated to staff.
 - Establish a jurisdiction specific electronic or online Material Safety Data Sheet (MSDS) database for all bureaus and departments.
 - Establish an effective method for managing inventory data, including annual use quantities and the differentiation between historical and current chemical use.
 - Establish a plan to safely recycle or dispose of obsolete chemicals and products in storage.

CITY: OSD, Risk, Water, BES, PDOT, Fleet, P&D, Parks
COUNTY: SUST, Risk, FM

Pesticides	Adopt successful and certified integrated pest management (IPM) approaches that seek to reduce reliance on pesticides of concern.
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36. Develop an implementation plan to expand progressive IPM practices to all property owned, operated or maintained by the City or County.
- Include outdoor areas such as right-of-ways and indoor pest control.
 - Facilitate the City- and County-wide adoption of model management programs, as applicable. Consider those of Portland Parks and Recreation (including Salmon Safe certification), the Bureau of Environmental Services, and other jurisdictions such as the City of Bainbridge Island (WA) and the City of San Francisco.
 - Incorporate strategies and best management practices for land-use planning, landscape and park design, revegetation and invasive species removal.
 - When applicable, strive for qualified and sufficiently comprehensive third-party review that confirms the implementation of best practices.

CITY: Parks, BES, PDOT, Water, BGS
COUNTY: FM, Roads

37. Continue identification of opportunities to reduce pesticide usage by Vector Control services provided by County to the maximum extent practicable, providing a balance with other community health needs.
- Include land use, statutes and other guidelines as apart of the review criteria.
 - Include integrated pest management practices and use ORS 634.650 for guidance.

CITY: N/A
COUNTY: Vector

Heavy Metals	Seek to use products that are not treated or coated with heavy metals of concern or other toxic substances.
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38. Continue and expand existing efforts to use alternatives to materials treated or coated with heavy metals of concern or other toxic substances, including wood and metal used for outdoor structures.

CITY: Parks, PDOT, Water
COUNTY: FM, Roads

Facility Maintenance	Seek to use facility maintenance products and practices the help to achieve the Toxics Reduction Strategy vision and goal.
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39. Implement best management practices for maintenance and improvements done in office and other applicable space that is leased from a third-party for use by the City and County, including tenant improvements, building materials and finishes, and janitorial cleaning services.

CITY: BGS, OSD
COUNTY: FM

40. Continue efforts to minimize chlorine use, while meeting health standards, and explore chlorine-free alternatives for the management of public swimming pools.

CITY: Parks
COUNTY: EnvHlth

Legend for bureau and department acronyms:

CITY		COUNTY	
ALL	All Bureaus	ALL	All Departments
BES	Bureau of Environmental Services	Bridges	Bridge Section
BGS	Bureau of General Services	CPCA	Central Procurement and Contracts Administration
BoP	Bureau of Purchases	DCM	Department of County Management
BTS	Bureau of Technology Services	EnvHlth	Environmental Health Division
Fire	Fire Bureau	Fleet	Fleet section
Fleet	City Fleets	FREDS	Fleet, Records, Electronic, & Distribution Services
N/A	Not Applicable	Health	Health Department
OSD	Office of Sustainable Development	MCSO	Multnomah County Sheriff's Office
Parks	Parks & Recreation	N/A	Not Applicable
P&D	Printing and Distribution	Risk	Risk Management
PDOT	Office of Transportation	Roads	Land Use and Transportation Division
PS	Public Safety	Stores	Central Stores, Material Management
Risk	Risk Management	SUST	Sustainability Initiative, Department of County Management
Water	Water Bureau	Vector	Vector Control, Environmental Health Div.

PART 3: Implementation

Steering Committee

A Toxics Reduction Steering Committee will facilitate and coordinate the evaluation and implementation of the proposed actions identified in the Strategy. The Steering Committee is made up of key City and County staff who have relevant expertise and responsibilities, as well as external community partners who can add value to these efforts through their knowledge, experience or resources. The Steering Committee will be convened by the City's Office of Sustainable Development and the County's Sustainability Initiative, in consultation with the leadership of affected bureaus and departments. The Steering Committee will seek feedback and guidance from additional parties with specific and relevant expertise in such areas as medicine, community health, toxicology, regulations, ecology, operations and purchasing. The Steering Committee will focus on the following key roles:

- Identify and promote current City and County programs that utilize best management practices to reduce the use of toxic substances of concern in their operations.
- Provide technical assistance and support to staff evaluating proposed actions and alternatives.
- Facilitate access to guidance from professionals with specific and relevant expertise.
- Coordinate staff training on toxics reduction techniques, including use of the Precautionary Principle.
- Prioritize and refine proposed actions to create a manageable work plan.
- Ensure recommendations strive to achieve the Strategy's goal to the maximum extent feasible, and adequately evaluate the direct and indirect costs, performance, safety and other considerations.
- Facilitate communication and collaboration among bureaus and departments in the implementation of the Strategy.
- Provide annual progress updates to City Council and the County Board.
- Identify opportunities to promote successes and solicit feedback from members of the community.
- In collaboration with affected bureaus and departments, ensure continuous improvement by reviewing and updating the Strategy as needed, and at least once every three years.

Implementation Process

While the Strategy's vision, goal and guiding principles outline the overarching intent of efforts to minimize the use of toxics at the City and County, the specific implementation process will be established by the Steering Committee. In partnership with bureaus and departments, sustainability program staff will facilitate the development of an implementation process that serves as a blueprint for implementing the proposed actions outlined in the Recommendations section of the Strategy. This implementation process is expected to include mechanisms to ensure the following key actions:

- Define proposed scope of the specific project(s).
- Identify internal and external stakeholders.
- Describe current practices.
- Research best management practices and identify potential alternatives.
- Evaluate feasible alternatives (see Alternatives Assessment & Impacts Analysis discussion below).
- Seek feedback and input from potentially affected parties and other stakeholders.
- Recommend viable alternatives (if any).
- Seek necessary approvals, as needed.
- Develop and carry out implementation plan.
- Measure and report on progress or results.

Several implementation process models have been put forward. One, based on the joint City/County Sustainable Procurement Strategy, involves the creation of action specific interagency taskforces to share resources, achieve economies of scale and facilitate the coordination of efforts between bureaus and departments. A second option would establish clear goals, while allowing individual bureaus or departments to develop their own

implementation plans. In addition, as part of the development of the Strategy, the Workgroup has developed a variety of draft guides and reporting templates to assist staff in these efforts. These materials provide a starting point for further discussion as the implementation process is finalized by the Steering Committee, in partnership with staff from affected bureaus and departments.

The implementation process should assist staff in the development of alternative policy, product or equipment recommendations (which may include continuing to use existing products and practices because viable alternatives do not exist). Instead of asking "What level of harm is acceptable?", staff are encouraged to ask questions like "How much contamination can be avoided?", "What are the alternatives to this product or activity, and are they safer?" and "Is this activity even necessary?". In general, the implementation process is expected to address the following key elements, each of which is elaborated on below:

- Staff workgroups;
- Alternatives assessment and impact analysis;
- Stakeholder review and input;
- Alternative product or practice testing;
- Implementation decisions; and
- Reporting.

Staff Workgroups

When appropriate, the Steering Committee convenes staff from the various City bureaus and County departments that are the relevant users of a particular product, chemical or practice. These workgroups are encouraged to invite additional staff and other persons with expertise in the field to join the groups to provide information and assistance that may add value to their work. Not all recommended actions will require the creation of such a workgroup. Bureau and department supervisors are expected to support the Strategy by providing staff sufficient time, as a part of their regular job duties, to meaningfully participate in the implementation of the Strategy.

Each workgroup develops a work plan including major milestones, roles and responsibilities, additional internal and/or external stakeholder identification, best management practices, proposed performance benchmark(s), staff training needs, education plans and timelines.

Alternatives Assessment and Impact Analysis

Utilize alternatives assessment as a part of process for making recommendations for the purchase of alternative products or chemicals, the implementation of best management practices, or the installation and use of new technologies. As available information allows, weigh the relative benefits and costs of the various alternatives, known as full-cost accounting. The alternatives assessment and impact analysis should consider the following (as applicable):

- Contains persistent, bioaccumulative and toxic (PBTs) pollutants?
- Contains carcinogen, mutagen or teratogen?
- Contains endocrine disrupter?
- Contains heavy metals of concern?
- Presents a high health hazard? (flammable, poisonous, caustic, etc.)
- Contributes to global warming?
- Depletes the ozone layer?
- Performance considerations?
- Availability?
- Manufacturer location?
- Direct cost considerations? (e.g. product price)
- Indirect cost considerations? (e.g. labor, disposal, training)
- Potential savings or avoided costs?
- Bureau/Department concerns or impacts? (e.g. equipment warranties)
- Waste disposal or recycling issues?
- Health or safety issues minimized or created?
- Reduced liability?
- Regulatory issues or requirements?
- Other relevant factors.

In partnership with key City and County staff and individuals with relevant expertise, the Steering Committee will develop guidelines, tools, training and other materials to assist staff in doing such an analysis in a consistent and meaningful way.

Stakeholder Review and Input

Staff are responsible for seeking and considering input from potentially affected parties, both internal and external, on their proposed recommendations for policy, procedure, product or equipment changes.

Alternative Product or Practice Testing

If prudent, staff should coordinate the testing of proposed changes in chemicals, products or practices they are looking to recommend. This testing may be done as a part of the development of the workgroup's final recommendations, or it may be done as part of the implementation process after the recommendations have been approved by affected bureaus and departments.

Implementation Decisions

Staff are responsible for evaluating the viability of the proposed actions and alternatives, and for making final recommendations for bureaus and departments to consider for implementation. In some instances, a recommended alternative product or process might work for certain bureaus or departments, but not for others.

Reporting

Using the progress reports and updates from staff working on the proposed actions, the Steering Committee will provide an annual update to the Council and Board on the City and County's overall progress.

Staffing Resources and Impacts

Both the City and County face significant budget constraints and reduced staffing resources. It is understood that additional City and County resources are unlikely and that use of existing government resources is required to support this Strategy. Every effort will be made to work within existing staff resources and staff time commitments. If effective utilization of existing resources does not cover the staffing costs for the actions identified in the Strategy, staff will jointly work to seek funding from outside sources.

Joint staffing from the County's Sustainability Initiative and the City's Office of Sustainable Development will support the key Strategy efforts. In addition, staff from other bureaus and departments who are relevant users of a particular product, chemical or practice will participate in implementing the proposed actions. The amount of time that is required of bureau and department staff will depend on the complexity and the scale of the action.

Staff will set their own work and meeting schedules and will be given the flexibility to adjust their individual time commitments based on other workload priorities. It is expected that bureaus and departments will assign staff as needed and that employees will assume these duties as part of their daily work. These efforts can be done in concert with routine operations of staff and a good faith effort made not to duplicate the efforts of others.

Appendices

Appendix A: Definitions

Appendix B: 2004 Resolution to Develop Toxics Reduction Strategy

Appendix C: Priority Chemical and Preliminary Target Lists

Appendix D: Bibliography and Resources

Appendix A: Definitions

The following terms are defined for the purpose of this Toxics Reduction Strategy. These definitions are not all encompassing, but are useful "working definitions."

- **Carcinogen:** Carcinogens are defined as those chemicals listed as known, probable, or possible human carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), the U.S. Environmental Protection Agency, the Occupational Health and Safety Administration, or California Proposition 65.
- **Chemical:** For the purpose of this Toxics Reduction Strategy, chemical refers to human-made or synthetic compounds that are used, released or found in products.
- **Endocrine disruptors:** Endocrine disruptors are chemicals that interfere with the normal function of hormones and the way hormones control growth, metabolism and body functions.
- **PBTs:** Persistent, bioaccumulative and toxic pollutants (PBTs) are highly toxic, long-lasting substances that can build up in the food chain to levels that are harmful to human and ecosystem health. They are associated with a range of adverse human health effects, including effects on the nervous system, reproductive and developmental problems, cancer and genetic impacts.
- **Pesticide:** A pesticide is any substance or mixture of substances intended for preventing, destroying, repelling or mitigating any pest. This definition includes insecticides, herbicides, fungicides, rodenticides, and antimicrobials as well as plant growth regulators, defoliant and desiccants. All pesticides that are legal for sale are registered with the US EPA. *This definition is based on the national pesticide law, the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).*
- **Phthalates:** A class of widely used industrial compounds known technically as dialkyl or alkyl aryl esters of 1,2-benzenedicarboxylic acid. Phthalates can be found in many consumer goods, including products made of flexible polyvinyl chloride plastic (PVC), cosmetics and other personal care goods, pesticides, building materials, lubricants, adhesives and film, among other items.
- **Pollutant:** Any substance introduced into the environment, whether natural or man-made, that causes concern because it has, or could have, adverse impacts on human or ecological health.
- **Pollution Prevention (P2):** Source reduction and other practices that reduce or eliminate the creation of pollutants through increased efficiency in the use of raw materials, energy, water, or other resources, or protection of natural resources by conservation.
- **Respiratory Irritant:** Any substance including particles, vapors, gases, fumes or mist which can cause inflammation or other adverse reactions in the respiratory system (lungs, nose, mouth, larynx and trachea).
- **Sustainability:** Meeting the needs of the present without compromising the ability of future generations to meet their needs.
- **Teratogen:** A substance that interrupts or alters the normal development of a fetus, with results that are evident at birth.
- **Toxics:** For the purposes of this Toxics Reduction Strategy, "toxics" is defined as environmental pollutants that cause negative health or environmental impacts. These environmental pollutants can be in the air, water and/or land or in the indoor environment. The City and County are not limiting the term toxics to chemicals listed to one or more statutes or regulations. *This definition is based on the wording used by the Environmental Protection Agency's CARE program.*

Appendix B: 2004 Resolution to Develop Toxics Reduction Strategy

The following resolution was adopted jointly by both the City of Portland and Multnomah County in September of 2004, directing the development this Toxics Reduction Strategy. While the text shown below is the County's resolution, the City adopted an almost identical version concurrently.

RESOLUTION NO. 04-140

Recognizing National Pollution Prevention Week and Directing Development of a Toxics Reduction Strategy Jointly with the City of Portland Using the Precautionary Principle

The Multnomah County Board of Commissioners Finds:

- a. On April 20, 2004, the Sustainable Development Commission of Portland and Multnomah County (SDC) and the Oregon Center for Environmental Health sponsored the *Precautionary Principle Workshop: A New Approach for Protecting Human Health and the Environment*, about toxic pollution prevention.
- b. The Precautionary Principle is an effective policy framework for decision-making to prevent harm to human health and the environment, and states that "Where threats of serious or irreversible harm to people or nature exist, anticipatory action will be taken to prevent damages to human and environmental health, even when full scientific certainty about cause and effect is not available, with the intent of safeguarding the quality of life for current and future generations."
- c. The attached SDC report, *Precautionary Approaches for Health and the Environment*, finds that every Multnomah County resident has an equal right to a safe and healthy environment; but considerable evidence suggests this right is compromised, including the following:
 - o An estimated 700 contaminants are present and accumulate within the human body, many of them toxics that have known health risks.
 - o Cancer, asthma, birth defects, developmental disabilities, autism, endometriosis, and infertility are becoming increasingly common and are linked to toxic exposures from the environment.
 - o Children suffer disproportionately from environmental health risks and toxic pollution.
 - o Low income and politically marginalized communities are disproportionately exposed to toxic substances and pollution.
- d. Toxic substances have a profound negative impact on the indoor and outdoor environment, as shown by SDC report findings that:
 - o A section of the lower Willamette River is listed as a Superfund site, designating it as one of the most polluted rivers in the country. River sediment is polluted with unsafe levels of toxics, including mercury, PCBs, dioxins, DDT, as well as pesticides and herbicides.
 - o Fish from the Willamette and Columbia Rivers are contaminated with toxic pollutants at high levels resulting in consumption advisories from the Oregon Department of Health and Human Services.
 - o Fourteen air toxics in Multnomah County exceed health-based benchmarks, with six pollutants more than ten times national health standards.

- e. Several regional governments have taken precautionary approaches to reduce toxic pollution, including the City of San Francisco, City of Oakland, City of Seattle, and the State of Washington.
- f. The Oregon Department of Environmental Quality has been directed to develop a plan to eliminate persistent bioaccumulative toxics in Oregon by 2020, and local governments in Oregon are encouraged to participate.
- g. Multnomah County has made progress in the area of toxics use reduction by including green building strategies, initiation of a pollution prevention program, eco-certification of fleet shops, and promoting best practices for pollution prevention through a water quality program.
- h. The County has adopted that support pollution prevention, including the Local Action Plan on Global Warming (Resolution 01-052), Sustainable Procurement Strategy (Resolution 02-058), and Sustainability Principles (Resolution 04-019) The Sustainability Principles state that Multnomah County will "Take necessary precautions to prevent toxic pollution and waste through proactive measures."
- i. Preventing toxic pollution is economically sustainable; and as indicated in the SDC report:
 - o Toxic substances have negative impacts at all stages of the product life cycle, including manufacture, use, and disposal.
 - o Pollution prevention lowers business costs related to pollution control, liability, and worker safety.
 - o Quality of life, a key reason businesses locate in the Portland Metropolitan area, is associated with social, economic and environmental indicators.
 - o Costs to society for diseases related to toxic substances such as loss of wages, increased expense for special education and medical treatment can be reduced.
 - o A Toxics Reduction Strategy would initiate economic development by creating new opportunities for local business to provide safer alternative products, processes, and technologies.
- j. Multnomah County considers prevention of toxic pollution a high priority for action to reduce risk to public and environmental health, and intends by this resolution to encourage the reduction of use of toxic substances through pollution prevention and by utilizing the precautionary principle.

The Multnomah County Board of Commissioners Resolves:

1. The Board, in honor of National Pollution Prevention Week, recognizes the work that has been done to date by Multnomah County and the City of Portland to support reduction and elimination of public and environmental exposures to toxic pollutants.
2. The County, under the leadership of Commissioner Maria Rojo de Steffey, will participate in a workgroup to create a Toxics Reduction Strategy for government operations using the precautionary principle. The workgroup will include delegates from the City of Portland, Multnomah County, SDC and the community. The Sustainability Division of the Department of Business and Community Services will work with the workgroup, SDC, appropriate County departments, and the City of Portland to support this effort.
3. This Toxics Reduction Strategy should identify short-term and long-range goals for toxics reduction in government operations, actions to support those goals and be completed within one year of adoption of this resolution.

Appendix C: Priority Chemical and Preliminary Target Lists

The following Priority Chemical and Preliminary Target Lists are primarily comprised of pollutants listed on existing, published source lists prioritized by international, national and state government agencies, other municipalities and non-government groups. Table 1: Priority Chemicals of Concern is a working compendium of toxic chemicals identified by the Strategy Workgroup. This list is intended to be a resource for staff implementing the Strategy and requires further investigation on potential use and presence, if any, in City and County operations. Table 2: Preliminary Target List are pollutants identified by the Workgroup likely to be contained in chemicals and products used at the City and County and where opportunities for replacement or reduction could be readily identified and used. This list was used by the Workgroup to create the Strategy's initial set of recommendations.

The primary focus of the Strategy's toxics reduction efforts is in consumable products. Many of the toxic chemicals in these lists are constituents within products used (or potentially used) by City and County operations. Toxic chemicals may also be found in durable goods and may pose a risk to human and/or environmental health. For example, polybrominated diphenyl ethers (PBDE) are flame retardants used in furniture and other durable goods. They are bioaccumulative chemicals found throughout the environment, including the human body.

Some consumables may also produce by-products that are more toxic than the original chemical. For example, diesel fuel used in heavy machinery and vehicles produces exhaust that is harmful to human health. In identifying diesel as a chemical of concern, we may be able to incorporate new technologies and alternative fuels that will reduce or eliminate diesel exhaust.

These lists are intended to identify initial opportunities for toxics reduction where the City and County can have a positive impact. They are not intended to represent a list of banned substances. In addition, source list references have been provided as a resource to be used by the City and County to identify future opportunities to replace toxic substances, materials and products of concern with viable least-toxic alternatives. Over time, additional chemicals and/or source lists may be added as further information becomes available.

Table 1. Priority Chemicals of Concern - See next page for sources.

A working compendium of toxic chemicals identified by the Toxics Reduction Strategy (TRS) Workgroup, based on pollutants listed on existing, published source lists prioritized by international, national and state government agencies, other municipalities and non-government groups. This list is intended to be a resource for workgroups implementing this Strategy and requires further investigation on potential use and presence, if any, in City and County operations.

CHEMICALS**Pesticides**2,4-Dichlorophenoxyacetic acid (2,4, D)⁵**Organochlorines**Endosulfan³Dicofol³Lindane¹¹Methoxychlor^{3,13}Pentachlorophenol^{9,11}Heptachlor and Heptachlor epoxide^{3,8,11}**Organophosphates**Chlorpyrifos⁵Malathion⁵Parathion⁵Pendimethalin³Pentachlorobenzene/
pentachloronitrobenzene
(PCNB)^{3,4,14}Tetrachlorobenzene,^{2,3,5,6}Trifluralin^{3,14}**Solvents**Trichloroethylene (TCE)
^{5,11,12}Trichloroethane (TCA)⁵
Benzene^{6,11,12,13}Hexachlorobenzene^{1,2,3,8,11}Hexachlorobutadiene³Perchloroethylene^{5,10}**Metals**Arsenic^{7,11,12,13}Cadmium^{3,4,11,12,13,14}Chromium (Hexavalent VI)^{5,}
^{11,12,13}Lead^{1,2,3,4,5,6,7,11,12,14}Mercury^{1,2,3,4,5,6,7,11,12,14}**Other Endocrine disruptors**^{7,9,10}Nonylphenol/4-nonylphenol
(branched)³Bisphenol-A^{6,9}**Brominated flame retardants (BFR)**^{5,6,7}Octabrominated diphenyl
ether (OctaBDE)Decabromodiphenyl ether
(DecaBDE)Pentabromodiphenyl ether
(PBDE)Tetrabromobisphenol A³**Volatile organic chemicals (VOCs)**⁷**Irritants**Acrolein^{6,12,13}**Polyaromatic****Hydrocarbons (PAHs)**
^{3,4,10,13}Benzo(a)pyrene^{1,2,11}**Dioxins and Furans**^{1,2,3,4,5,6,7,8,9,11,12,13,14}**Naphthalenes**^{3,11,14}**Perfluorooctane sulfonates (PFOS)**^{3,7,11}**Phthalate esters**^{3,5,6,7,11}

Di(2-ethylhexyl)phthalate (DEHP)

Di-isodecyl phthalate (DIDP)

Di-n-hexyl phthalate (DnHP)

Formaldehyde^{5,6,11,12,13}Vinyl chloride^{7,11,12}Chlorine^{12,13}Styrene⁹
and Octachlorostyrene^{1,2}**Contaminant****Source Mixtures**Particulate Matter (PM)⁷Diesel fuel exhaust^{6,7,9,10,11,12,13}**Legacy Chemicals***Aldrin/dieldrin^{1,2,3,11}Chlordane^{1,2,3,11}Chlordecone (Kepone)^{3,11}DDT, DDD, DDEI^{1,2,3,11}PCBs^{1,2,3,4,8,11,12,14}Endrin^{8,11}Mirex^{1,2,8,11}Toxaphene^{1,2,3,8}

* Most uses of the Legacy Chemicals have been banned in the United States. However, these chemicals are bioaccumulative and do not break down easily in our environment. Future actions on the Legacy Chemicals will likely be focused on ensuring no stockpiles exist at City and County facilities and the proper management of contaminated sites.

Priority Chemical of Concern Source Lists:

These source lists are subject to change with the availability of additional resources. Therefore, this list shall be reviewed regularly to determine whether new resources should be used.

1. Environmental Protection Agency (EPA), *First 12 Priority PBT's "Dirty Dozen"*, retrieved July, 2005, from <http://www.epa.gov/pbt/pubs/accomp99.htm> .
2. Oregon Department of Environmental Quality, *P2 for Persistent, Bioaccumulative Toxic Pollutants (PBT's)*, retrieved July, 2005 from <http://www.deq.state.or.us/nwr/epoc/ch2.htm> .
3. WA Department of Ecology, *Persistent Bioaccumulative Toxins (PBT List Section)*, retrieved Sept., 2005 from http://www.ecy.wa.gov/laws-rules/wac173333/p0407_cont_a.pdf .
4. Dieckhoner, T., City of Seattle, *PBT Reduction Strategy: Progress Report to City Council*, retrieved Sept., 2005 from <http://www.ci.seattle.wa.us/environment/Documents/PBTStrategy3-07-03.pdf> .
5. Tolman, S., The Commonwealth of Massachusetts, *An Act for A Healthy Massachusetts: Safer Alternatives to Toxic Chemicals*, retrieved July, 2005 from <http://www.mass.gov/legis/bills/senate/st00/st00553.htm> .
6. Oregon Environmental Council, *Children at Risk: How Toxic Chemicals Threaten Oregon's Children and What We Can Do About It*, retrieved Oct., 2005 from www.oeconline.org/kidshealth/childrenatrisk.
7. Toxic Reduction Strategy Workgroup recommendations September 2005 until January 2006.
8. United Nations Environment Program (UNEP), *Stockholm Convention Persistent Organic Pollutants*, retrieved Jan. 2006 from http://www.pops.int/documents/guidance/beg_guide.pdf .
9. Community stakeholder input - Chemicals/products and practices suggested by local citizens.
10. Oregon Partnership for Cancer Control (2005), Oregon Comprehensive Cancer Plan, retrieved July, 2005, <http://www.oregon.gov/DHS/ph/cancer/docs/cancerplan/cplan05.pdf> .
11. State of California, Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), *Chemicals known to the State to cause cancer or reproductive toxicity, February 3, 2006*, retrieved March 2006 from http://www.oehha.ca.gov/prop65/prop65_list/files/P65single20306.pdf .
12. Oregon Department of Environmental Quality, Oregon Air Toxics Program, Notice of Proposed Rule Making, *Ambient Benchmarks for 49 air toxics*, retrieved March, 2006 http://www.deq.state.or.us/news/publicnotices/uploaded/060207_5621_05-AQ-002_Benchmarks.pdf .
13. State of California, Environmental Protection Agency, Office of Environmental Health Hazard Assessment, *All chronic reference exposure levels adopted by OEHHA as of February 2005*, retrieved March, 2006 from http://www.oehha.ca.gov/air/chronic_rels/AllChrels.html .
14. Environmental Protection Agency (EPA), National Partnership for Environmental Priorities, *31 Priority Chemicals*, retrieved March, 2006 from <http://www.epa.gov/epaoswer/hazwaste/minimize/chemlist.htm>.

Table 2. Preliminary Target List

Pollutants identified by the Workgroup likely to be contained in chemicals and products used at the City and County and where opportunities for replacement or reduction could be readily identified. This list was used by the Workgroup to create the Strategy's initial set of recommendations.

Chemical	Environmental & Health Considerations (all from http://www.osha.gov unless indicated)	Potential Sources
Arsenic	Replaces phosphate in cell functions. Carcinogen, reproductive and circulatory problems.	Treated wood, playgrounds.
Brominated Flame Retardants including PentaBDE, OctaBDE and DecaBDE	Persistent, bioaccumulative toxic., possible developmental neurotoxicity (http://www.ec.gc.ca/) (http://www.ehponline.org/members/2003/6559/6559.html)	Flame retardants in electronics, furniture, textiles.
Cadmium	Carcinogen, kidney damage, possible reproductive effects.	Batteries, industrial batteries-servers, emergency backup, substations, computer monitors, autobody refinishing.
Chromium (Hexavalent VI)	Heavy metal, carcinogen.	Chromates used as pigments for photography, in pyrotechnics, dyes, paints, inks, and plastics. They can also be used for stainless steel production, textile dyes, wood preservation, leather tanning, and as anti-corrosion coatings.
Diesel Exhaust	Exhaust contains air pollutants that exacerbate asthma, emphysema, allergies, potential carcinogen.	Fleet, construction, generators, coal fired plants
Dioxins/Furans	Endocrine disruptors, reproductive effects, carcinogen, persistent, bioaccumulative. (www.cfsan.fda.gov).	Dioxins are unintentionally formed during a variety of industrial processes that include chlorinated substances. Medical and hazardous waste incineration, backyard burning, biomass combustion, diesel exhaust, pesticide manufacturing, paper production, oil, PCB production, water and electrical system piping and conduit.
Lead	Heavy metal, Stored in bone, travels across placenta. Linked to wide range of health effects including cancer, brain damage, muscle weakness, sterility (www.epa.gov)	Batteries, lead paint on water tanks, bridges, dams and parts. Lead joint compound - Water Department. Cathode ray tube – computers and televisions.
Mercury	Heavy metal, neurotoxin, leads to brain, lung, kidney damage.	Dental amalgam, thermostats in buildings, car trunk switches, medical devices, fluorescent lamps, batteries, coal-fired plants emissions
Perchloroethylene	Skin, liver, and kidney damage, and possibly cancer. The inhalation of the chemical has been shown to cause numerous health effects such as dizziness, loss of coordination, memory loss, and blistering of skin.	Dry-cleaning chemical
Pesticides with serious acute, chronic, or sub-lethal impacts to human health and environment, including EPA Toxicity Category I and Category II	Multiple problems depending on chemical: possible carcinogens, endocrine disruptors, neurotoxins, many are persistent, bioaccumulative.	Golf courses, parks, anti-microbial disinfectants (correctional facilities, health clinics), landscape maintenance, interior pest management
Vinyl Chloride	Vinyl chloride (VC) is manufactured exclusively for polymerization into polyvinyl chloride (PVC), a plastic which across its life cycle - from manufacture to use to disposal - PVC relies upon and creates chemicals that are potentially hazardous to humans and the environment, including mercury, lead, dioxin, cancer-causing vinyl chloride monomer (VCM) and phthalates. http://www.ehponline.org http://www.besafenet.com	PVC Medical devices (can also contain phthalates), plastic products (office supplies, electronics, furniture, carpets, etc), building materials

Appendix D: Bibliography and Resources

Bibliography:

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Additional Resources for Further Information:**PRECAUTIONARY PRINCIPLE**

"The Precautionary Principle in Action: A Handbook"
www.sehn.org/rtfdocs/handbook-rtf.rtf

"Putting Precaution into Practice: Implementing the
Precautionary Principle" www.sehn.org/pppractc.html

San Francisco Department of the Environment:
www.sfenvironment.com/aboutus/innovative/pp/

Seattle Precautionary Principle Working Group white
paper: [www.iceh.org/pdfs/CHE-
WA/PrecautionaryPrinciple/PPWhitePaper.pdf](http://www.iceh.org/pdfs/CHE-WA/PrecautionaryPrinciple/PPWhitePaper.pdf)

The Louisville Charter for Safer Chemicals
www.louisvillecharter.org/

REPORTS

"Precautionary Approaches for Health and the
Environment: Making the Case for a Toxic Reduction
Strategy and Portland and Multnomah County":
[http://www.oregon-
health.org/precaution_resources.html](http://www.oregon-health.org/precaution_resources.html)

"The Toxic Gap," Oregon Environmental Council:
www.orcouncil.org/reports/toxic%20gap%20report.PDF

The Environmental Health of Multnomah County",
Multnomah County Health Department:
www.mchealth.org/enviroreport/

Chemicals of Concern in King County
[www.govlink.org/hazwaste/publications/COC_Report.p
df](http://www.govlink.org/hazwaste/publications/COC_Report.pdf)

CDC National Report on Human Exposure to
Environmental Chemicals
www.cdc.gov/exposurereport/

"Body Burden- The Pollution in Newborns"
www.ewg.org/reports/bodyburden2/

ECONOMICS AND TOXICS REDUCTION

"Prospering With Precaution," Tufts University:
[http://ase.tufts.edu/gdae/policy_research/PrecautionRe
port02.htm](http://ase.tufts.edu/gdae/policy_research/PrecautionReport02.htm)

"Pricing the Priceless: Cost Benefit Analysis of
Environmental Protection."
www.healthytomorrow.org/pdf/priceless.pdf

PBT REDUCTION STRATEGIES/RESOURCES

Oregon Department of Environmental Quality Toxics
Reduction Strategy:
www.deq.state.or.us/news/ToxicStrategyEQCFinal.pdf

Washington State Department of Ecology Proposal
Strategy to Continually Reduce Persistent,
Bioaccumulative Toxins (PBT's) in Washington State:
www.ecy.wa.gov/pubs/0003054.pdf

City of Seattle PBT Reduction Strategy
[http://seattle.gov/environment/Documents/PBTStrategy
3-07-03.pdf](http://seattle.gov/environment/Documents/PBTStrategy3-07-03.pdf)

New Hampshire Dioxin Reduction Strategy
www.des.state.nh.us/ARD/Dioxin/strategy.pdf

Oregon Department of Environmental Quality- Mercury
Reduction Strategy
[www.deq.state.or.us/wmc/factsheets/mercuryreduction
strategyfs.pdf](http://www.deq.state.or.us/wmc/factsheets/mercuryreductionstrategyfs.pdf)

Washington State Mercury Action Plan
www.ecy.wa.gov/biblio/0203016.html

Detailed Study of Non-Mercury Alternatives as an
Environmental Attribute
[www.mercurypolicy.org/new/documents/NonMercuryAl
ternativesUSMilitary0206.pdf](http://www.mercurypolicy.org/new/documents/NonMercuryAlternativesUSMilitary0206.pdf)

PESTICIDE RESOURCES

Salmon-Safe High Risk Pesticide List
www.salmonsafe.org/urban/salmonsafe-urban54.pdf
page 23

EPA List of Chemicals Evaluated for Carcinogenic
Potential
www.epa.gov/pesticides/carlist/

San Francisco Reduced-Risk Pesticide List
[www.sfenvironment.com/aboutus/innovative/ipm/pest_l
ist05/index.htm](http://www.sfenvironment.com/aboutus/innovative/ipm/pest_list05/index.htm)

EPA 25b Minimum Risk Pesticides
[www.epa.gov/opbppd1/biopesticides/regtools/25b_list
.htm](http://www.epa.gov/opbppd1/biopesticides/regtools/25b_list.htm)

Pesticide Action Network Database
www.pesticideinfo.org/Index.html.

Oregon State University – National Pesticide
Information Center
<http://npic.orst.edu/tech.htm>

Pesticide Free Parks
www.pesticide.org/portland/PFPhome.html

Northwest Coalition to the Alternatives to Pesticides
www.pesticide.org/

PURCHASING POLICIES/RESOURCES

Portland / Multnomah County Sustainable Procurement
Strategy
www.co.multnomah.or.us/dbcs/sustainability/

City of Seattle's PBT Purchasing Resolution
[www.healthybuilding.net/pdf/municipal_purchasing/Sea
tle_pbt_res_02.pdf](http://www.healthybuilding.net/pdf/municipal_purchasing/Seattle_pbt_res_02.pdf)

Green Purchasing in King County
www.govpro.com/Newsletters/Images/1005King.pdf

City of Olympia's Pesticide and PBT Purchasing
Resolution
www.watoxics.org/content/pdf/OLY_Res_FINAL.pdf

City of San Francisco Less Toxic Purchasing
[www.sfenvironment.com/aboutus/innovative/epp/index.
htm](http://www.sfenvironment.com/aboutus/innovative/epp/index.htm)

Electronic Product Environmental Assessment Tool
www.epeat.net/

Inform Purchasing for Pollution Prevention
www.informinc.org/p3_00.php

Green Seal Certified Products
www.gtreenseal.org/certproducts.htm

USEFUL WEBSITES

Science and Environmental Health Network website:
www.ci.sf.ca.us/sfenvironment/index.htm

Oregon Center for Environmental Health:
www.oregon-health.org

Multnomah County Sustainability Initiative
www.co.multnomah.or.us/dbcs/sustainability/

Parsons, Susan

185612

From: Lisa Benitez [mailto:change.org]
Sent: Tuesday, September 11, 2012 8:54 AM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
2. Have been told by our health care providers to avoid fluoride, and/or
3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
4. Are health care providers treating people who are medically unable to tolerate fluoride and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.

<http://www.aemonline.org/chemicalsensitivitypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”

<http://www.aemonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this

9/11/2012

is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

Lisa Benitez
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

185612

Parsons, Susan

From: Teresa Roberts [trecanoe@yahoo.com]

Sent: Tuesday, September 11, 2012 8:36 AM

To: Moore-Love, Karla

Subject: Fluoridation Alternative

Why can't Portland develop a matching-\$ program with Everyone Loves Healthy Teeth along these lines. A \$5M start-up would certainly go a long way!

http://www.medicalteams.org/what_we_do/dental_program.aspx

Fluoride is NOT the answer, and the way City Council is pushing it through without a vote it is a subversion of the American political system and a betrayal of Portland's citizenry.

In the long run, I am most disappointed by Amanda. She was the only one we thought might actually honor the fact that we voted down fluoride 3 times. No means No.

In addition to City Council, please distritube to City Attorney and City Auditor as well.
Thank you for your continued service Karla.

Best regards,
Teresa

9/11/2012

Parsons, Susan

185612

From: Lonnie Neer [mailto:change.org]
Sent: Tuesday, September 11, 2012 8:34 AM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
 2. Have been told by our health care providers to avoid fluoride, and/or
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- and that fluoridation of Portland water will have serious potential health consequences for us.

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<http://www.aemonline.org/chemicalsensitivitypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”

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9/11/2012

185612

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For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

Lonnie Neer
Bend, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

185612

Parsons, Susan

From: Destin Ferdun [dferdun@lunabridge.com]
Sent: Tuesday, September 11, 2012 8:08 AM
To: Moore-Love, Karla; Gonzalez, Cevero; Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Commissioner Fritz; Howard, Patti; contact@charliehales.com; henry@jeffersonsmith.com
Subject: Portlandia: Fluoride: How did debate become so divided / There is common ground

Importance: High

It is one of the truly great shames that this style of contentious debate has reached the doors of Portland. Behind the massive, well crafted and oft characterized hidden lobbying effort of the proponents to the armageddon 'emotion on its sleeve' occupy movement, one would think we are in the throes of a truth stretching republican and democratic debate...

But there are things here that everyone agrees on, and starting with **Agreements**, and avoiding risks and costs makes the most sense.

1. We all agree in the importance of dental health
2. We all agree that there are segments of the population that need extra effort for better dental health
3. We all agree (including all the scientific reports) that topical treatment is preferable over systemic, all things being equal

Just on those points alone one would think that a topical usage outreach program using the same proposed dollars would be a best first step. The program could be designed to track difference and progress and could finger in other healthcare reform efforts including the governors efforts around children and the implementation of dental care under Obamacare. In this way the most expensive, most indiscriminate, most wasteful impact system is not undertaken first, and the current and ongoing efforts improvements are reviewed prior to spending additional infrastructure dollars.

But the **Agreements** should continue,

1. We should all agree that the proponents have had sufficiently more resources and time to lay out their argument than the opponents
2. We should all agree that the usage of Oregon statistics to prove Portland need is wildly suspect
 - a. And that anecdotal discussions of visual differences in teeth are not facts about teeth health, as they can just as easily be about fluorosis
3. We should all agree that additional science is needed to prove the safety.... and that like any other medication those providing the medication should provide that sufficient evidence, provide clear distinct guidelines and outreach around its use, describe its side effects and limitations, and take on the liability of its damages.

A solution is to come to common ground and start there.

And

A Portland Solution is to gather industry experts and incrementally tackle the problem, not railroad a lobbyist position and decision behind closed doors. A Portland solution is to evaluate the environmental and health issues and lead the nation in innovation. A Portland solution is to help all children, not dismiss those with health deficiencies (that are put at risk by systemic fluoridation) as aberrant or sacrificial.

Please let the public into the debate..

according to this morning's (admittedly wildly unscientific) Oregonian poll 94.5% of Portlandia agrees.

Destin Ferdun

Parsons, Susan

185612

From: Tony Fischer [mailto:mail@change.org]
Sent: Monday, September 10, 2012 8:43 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Tony Fischer
Paterson, New Jersey

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: Patrick Oh [mailto:change.org]
Sent: Monday, September 10, 2012 8:32 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Patrick Oh
Seattle, Washington

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: Dina Avila [mailto:change.org]
Sent: Monday, September 10, 2012 7:39 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Dina Avila
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

Parsons, Susan

185612

From: Mike Crosbie [mailto:mail@change.org]
Sent: Monday, September 10, 2012 7:01 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Mike Crosbie
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

Parsons, Susan

185612

From: g. corsaro [mailto:change.org]
Sent: Monday, September 10, 2012 6:54 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I've heard of too many health risks associated with water fluoridation. Area-wide TOPICAL methods of fluoridation should should be researched and implemented

g. corsaro
lake oswego, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

185612

Parsons, Susan

From: Heather McCarthy [mailto:change.org]
Sent: Monday, September 10, 2012 6:39 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Heather McCarthy
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

Parsons, Susan

185612

From: Christina Finn [mailto:change.org]
Sent: Monday, September 10, 2012 6:18 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Imposing medication without consent is wrong, undemocratic, and insulting.

Christina Finn
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

Parsons, Susan

185612

From: Rene Kehrwald [mailto:change.org]
Sent: Monday, September 10, 2012 6:00 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Because clean, safe drinking water is a basic human right, and fluoride is a chemical with many dangerous side effects--people must be allowed to choose how to medicate themselves and their children--thus make fluoride a choice through the schools, dentists, fluoridated table salt, etc.

Rene Kehrwald
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/11/2012

Parsons, Susan

185612

From: CHRIS HATLESTAD
Sent: Monday, September 10, 2012 5:29 PM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
 2. Have been told by our health care providers to avoid fluoride, and/or
 3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
 4. Are health care providers treating people who are medically unable to tolerate fluoride
- and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.

<http://www.aaemonline.org/chemicalsensitivypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”

<http://www.aaemonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this

9/11/2012

185612

is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

I see patients with sensitivity to fluoride. I have also done added research about the benefits and risks of fluoride supplementation and am convinced that it should not be a generic or ubiquitous supplement due to serious health consequences.

CHRIS HATLESTAD, MD
North Charleston, South Carolina

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

185612

Parsons, Susan

From: stadick [stadick@aracnet.com]
Sent: Monday, September 10, 2012 3:11 PM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman; City Auditor Griffin-Valade; Moore-Love, Karla
Subject: Oppose fluoridating Portland water

Dear Mayor Adams and Commissioners,

I strongly oppose adding fluoride to our city water for the following reasons:

Fluoride is a byproduct of industrial fertilizer manufacturing and contains high-impact toxics such as arsenic, lead and mercury that are well-documented to contaminate industrial fluoride sources. The EPA has determined there is no safe level for arsenic and lead.

A new report from Harvard and funded by the National Institutes of Health found that higher fluoride levels were correlated with lower IQ scores in children in 25 out of 27 studies.

It is undemocratic for the City of Portland to attempt to force fluoridation without a public vote.

Portland kids actually rank as having the 15th lowest cavity rate in the United States even when compared to states that are heavily fluoridated.

Out of 196 nations in the world, only 27 have fluoridated water and only 11 have more than 50% of their population drinking it.

Babies up to a year old are especially vulnerable to fluorosis and should not be drinking fluoridated water or having it mixed in infant

formula. Many low income parents will be forced to buy expensive non-fluoridated bottled water or a very expensive filter to protect their children.

There is a sound reason that Portland has voted down fluoridating our drinking water three times. It is disappointing and deceptive for our Mayor and Commissioners to attempt to make this decision for us. I sincerely hope you will cautiously consider the impacts of this vote and will follow your votes with interest.

With much concern,

Bev Stadick
4213 NE 33rd
503-288-3534

9/10/2012

Parsons, Susan

185612

From: Beth Hahn [bethha@comcast.net]
Sent: Monday, September 10, 2012 1:23 PM
To: Moore-Love, Karla
Subject: Proposed Fluoridation of Portland Water
Attachments: fluoride-engelking salmon.pdf

Karla,

Could you please see that the attached is entered as public record on the fluoride issue? It is Dr. Paul Engelking's testimony before Oregon Senate Health and Human Services in 2001 regarding the effects of fluoride on fresh water aquatic life, salmon in particular, at the drinking water health advisory level. It specifically addresses levels in the Tualatin River.

Thank you.
Beth Hahn

9/10/2012

Dr. Paul Engelking
P.O. Box 236
Lowell, OR 97452
April 11, 2001

To: Senate Health and Human Services Re: SB 99

SB 99 uniformly demands fluoride be added to public water supplies, without consideration of local conditions that might make this unwise.

One condition that may make this unwise is the effect on the aquatic communities of all of this fluoride passing into the natural waters of Oregon.

Fluoride in Salt/Water Homeostasis of Aquatic Organisms

Unlike living in the oceans, where organisms must actively acquire water and eliminate salts, organisms living in fresh water must instead actively eliminate water and concentrate salts. We all know the lament of the Ancient Mariner "Water, water everywhere...", but are less acquainted with the fact that a rainbow trout, living in freshwater, takes on and must eliminate its own body mass of water every two and a half hours! While living in the ocean is tough – a salmon there must keep the salts in its plasma at about one-fourth of the concentration of the surrounding seawater –, living in freshwater is almost miraculous – a trout in the McKenzie must keep a salt concentration in its plasma about 2,500 times that of the surrounding freshwater!

Fish do this by pumping salts through membranes, primarily in kidneys and gills. These ion pumps work by first actively transporting the positive ions such as sodium, Na^+ – and then allow the resulting positive electrical potential to pull the negative ions – such as chloride, Cl^- – through a small anion channel. Now here is the important point. They say that size doesn't matter, but here it does. A fluoride ion, being smaller than a chloride ion, goes right up the small ion channel, too.

Any fish trying to actively concentrate salts from its environment will pick up fluoride, as well as chloride, or any other small anion (hydroxide, cyanide, ...), for that matter. Usually, chloride is by far the major anion pumped this way, because it is the most prevalent small ion in natural waters. This all changes when fluoride is present at concentrations anywhere comparable. Then fluoride is significantly transported into the organism.

That is the simple physical chemistry.

Does this have any practical effect? Well, yes.

Acute Toxicity of Fluoride to Fish

Acute lethal toxicity of fluoride (half dead in 480 hours) is about $\text{LC}_{50} = 3.6$ parts per million (2.7-4.7 ppm at 95% C.L.) for rainbow trout in fresh water. [Neuhold and Sigler, 1960. Effects of sodium fluoride on carp and rainbow trout. Trans. Am. Fish. Soc. 89:358-370.]

Symptoms of acute fluorosis in adults include

"Apathy and anorexia were followed by a period of violent, sporadic movement, loss of equilibrium, and finally, death."

Acute mortality is not the whole story, as also pointed out by a DEQ toxicologist: “However, this was just one study and additional studies using different methods and exposures may show effects at lower concentrations. As an example, the endpoint used was mortality and the more subtle effects, such as altered histology, may occur at lower concentrations.” [E. Foster, DEQ (July 28, 1997), private communication.]

Chronic, Developmental, and Behavioral Effects in Fish

Although primarily focused upon lethal effects, Neuhold and Sigler mention developmental results of fluorosis in embryos, [Neuhold and Sigler, 1960. Effects of sodium fluoride on carp and rainbow trout. *Trans. Am. Fish. Soc.* 89:358-370.]

“If the vitelline membrane ruptured, the embryo invariably left the egg sac headfirst. Not infrequently, embryos were caught in the membrane. If these fish lived, they often had deformed spines.”

At about a tenth of the concentrations causing acute mortality in trout, fluoride certainly does affect salmon. [Damkaer and Dey, 1989. Evidence for Fluoride Effects on Salmon Passage at John Day Dam, Columbia River, 1982-1986. *N. Am. J. Fish. Management.* 9:154-162.]

The Damkaer and Dey study focused primarily on the delays of salmon caused by fluoride levels much lower than those acutely toxic, but they also compared their fluoride measurements to interdam losses documented by Washington Department of fisheries. A few quotes give the flavor of the effects that they observed:

“... From 1980 to 1982, the time (>150 h) required for upstream migrants to pass John Day Dam and the mortality (>50%) of migrants between Bonneville and McNary dams (below and above John Day Dam) were unacceptably high. ...”;

“... The delay of nearly 1 week at John Day Dam appeared to contribute to increased mortality ...”;

[after fluoride reduction] “...substantially fewer salmonid carcasses were observed below John Day Dam than in 1982”;

“Radio-tagging and tracking studies from 1980 to 1982 determined that fish passage times were unacceptably long at John Day Dam (there were no passage studies in 1983). Analysis of fish counts at the dams revealed an average ‘unaccountable loss’ of 55% of fall chinook salmon passing Bonneville Dam and expected to reach McNary Dam during 1980-1982 (J. DeVore, Washington Department of Fisheries, personal communication)...”; and

“In 1985, [after fluoride reduction,] median passage time for spring chinook salmon was 28 h (Peters et al. 1985) and the unaccountable loss of fall chinook salmon was near 5% (G. Norman, Washington Department of Fisheries, personal communication).”

Re: SB 99– April 11, 2001 – page 3

Although chronic toxicity of fluoride is documented, including the increased toxicity of fluoride in fresh water, no chronic toxicity studies have been done on fish species native to Oregon waters.

Acute toxicity of fluoride to invertebrates has also been observed in fresh water, at levels lower than 0.2 ppm. Chronic toxicity studies are lacking for invertebrate animals and aquatic plant species in the food chain of fish.

Fluoride Levels in Oregon Waters.

Should the fluoride levels of Oregon waters be of concern? Yes.

Although the EPA has set human health maximum contaminant levels as 4.0 ppm, those levels would be acutely toxic to trout. The EPA has not yet set safe levels of fluoride for aquatic species.

The Neuhold and Sigler study would indicate that at a 1.5 ppm concentration (the drinking water health advisory level) 10 percent of rainbow trout would die within twenty days. [E. Foster, DEQ (July 28, 1997), private communication.]

Based upon the studies performed on Oregon's own northern border, the Columbia River, British Columbia set a regional advisory level of 0.2 ppm for fluoride in "soft water"-i.e., water with low dissolved solids. If we take this as our standard, we already find Oregon surface waters that exceed this level as the result of human activity.

The Tualatin river already runs about 0.5 ppm fluoride during the summer. How do I know? In 1997 I was asked to be on a League of Women Voters panel in Hillsboro to discuss the water supply problem in the Tualatin Valley. From just looking at the engineering studies, it was easy to see that the most acute problem they were facing was not getting water – they could get more – but in getting rid of it once they had used it – there was no place to put the extra effluent. A back of the envelope calculation predicted that the Tualatin was already running about half a part per million fluoride during the summer low flows. I had my students measure it. Sure enough, it runs at about 0.5 ppm, levels of fluoride that Damkaer and Dey had already identified as interfering with salmon on the Columbia.

If the Tualatin is a ghost of Christmas past, the Deschutes, is a ghost of Christmas future, should SB 99 pass. While the Tualatin has not been an active fishery since the middle of the last century, currently the Deschutes is a major recreational fishing stream.

The major danger that SB 99 poses is in requiring fluoride be added indiscriminately to Oregon waters without regard for potential harm.

Sincerely,

Dr. Paul Engelking
Professor of Chemistry
University of Oregon

Parsons, Susan

185612

From: Nancy Coscione [mailto:mail@change.org]
Sent: Monday, September 10, 2012 10:59 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Nancy Coscione
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Parsons, Susan

From: Autumn Pardee [mailto:change.org]
Sent: Monday, September 10, 2012 2:47 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Don't want my kids drinking fluoride...

Autumn Pardee
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Shanti Moon [mailto:change.org]
Sent: Monday, September 10, 2012 1:42 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I want to decide freely what goes into my body.

Shanti Moon
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: nina bindi [mailto:mail@change.org]
Sent: Monday, September 10, 2012 8:52 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

nina bindi
williams, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Caroline Miller [cmiller@hevanet.com]
Sent: Monday, September 10, 2012 2:46 PM
To: Moore-Love, Karla
Subject: An Inconvenient Tooth
Mayor Adams, Commissioners and their Assistants,

I recommend you view "www.aninconvenienttooth.org" before moving forward on your fluoridation vote on Wednesday.

An open government requires an open mind.

Sincerely,

Caroline Miller
<http://booksbycarolinemiller.com>

Parsons, Susan

185612

From: Charlie White [art@charliewhitestudio.com]
Sent: Monday, September 10, 2012 1:15 PM
To: Adams, Mayor; Commissioner Saltzman; Commissioner Fritz; Fish, Nick; Leonard, Randy; Shaff, David; Moore-Love, Karla; York, Emily; Greisen, Mila; DiBenedetto, Anna
Subject: PLEASE ENTER THIS INTO THE PUBLIC RECORD: www.AnInconvenientTooth.org

Mayor Adams, Commissioners and their Assistants,

I have called each of your offices today to inquire whether you have viewed or intend to view -- before Wednesday's vote -- the documentary, "An Inconvenient Tooth." This comprehensive documentary was released Thurs, September 6, 2012, the day of the testimony. The link is www.aninconvenienttooth.org

Because you have taken on water fluoridation as a "social justice" issue and will thusly be affecting the health -- dental and otherwise -- of the entire region, it is incumbent on you -- before you make this hasty decision -- to open your understanding to the perspectives of other knowledgeable and dedicated professionals.

As elected representatives, you well know your campaign to fluoridate the Portland region has clearly not given equal time nor justice to debate and balanced discussion from the numerous professionals and individuals genuinely concerned about the safety and efficacy of water fluoridation, as you will witness in this important documentary. Furthermore, your discrediting and character assassination of those of us not in agreement with the all-about-teeth crowd violates our integrity. To say water fluoridation has no adverse health effects is a lie! What a dark process you are fostering!

Please view this video -- at least, in part -- before you cast your vote to mandate. As representatives of our water quality, I urge you to reset your mindset, slow down this process and give it to the people of Portland to decide.

Please let me know you have or have not viewed this video -- in whole or in part -- at 503-242-1111 or by email. I also request that this be put into the public record.
Thank you.

Sincerely,
Charlie White
art@charliewhitestudio.com

9/10/2012

Parsons, Susan

185612

From: Esther Burns [estherburns@gmail.com]
Sent: Monday, September 10, 2012 12:42 AM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: No Fluoride In Our Water

Dear Mayor Adams,

Please do not vote for fluoridation. We have some of the best water in the country; why poison it? There are plenty of other ways to get fluoride for those who want it.

Regards,

Esther Burns

1326 NE Tillamook St. #3
Portland, OR 97212

5039856722

Parsons, Susan

185612

From: Greg Ross [mailto:mail@change.org]
Sent: Monday, September 10, 2012 8:25 AM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
 2. Have been told by our health care providers to avoid fluoride, and/or
 3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
 4. Are health care providers treating people who are medically unable to tolerate fluoride
- and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.

<http://www.aeonline.org/chemicalsensitivitypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”

<http://www.aeonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this

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185612

is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

Greg Ross
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

185612

Parsons, Susan

From: Sue Nelson [sumile@comcast.net]
Sent: Monday, September 10, 2012 8:59 AM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: Fluoride vote

I would NEVER pass legislation, or ask you to give up your medications.

Please do NOT force medication on me.

Susan Nelson
zip 97210

Parsons, Susan

185612

From: Gregory Ross [grossdc@gmail.com]
Sent: Monday, September 10, 2012 9:45 AM
To: cevero.gonzales@portlandoregon.gov; Moore-Love, Karla
Subject: fluoridation

Attachments: August 24, Dr Rowen.doc



August 24, Dr
Rowen.doc (26 KB..)

Mayor Sam Adams,

Based on what I have read, you plan to vote for fluoridating Portland's water. I can't think of one legitimate reason for doing so. If you have one, please let me know what it is so I can understand why you would do so.

I've added an attachment regarding an email newsletter from Dr. Rowen, MD. It addresses yet another research study that indicates fluoridating water systems is damaging to all that drink such water, even at the so-called safe level of one part per million (1 ppm).

I ask that you reconsider your position and NOT vote for fluoridating Portland's water.

Sincerely,

Greg Ross
Joan Ross
Gresham, OR residents

August 24, 2012

185612

This poison in your drinking water slowly destroys your brain

If you've read my newsletter for any length of time, you know I'm not a fan of fluoride. I've insisted for years that it is a poison. And putting it in our drinking water is slowly poisoning all of us. Conventional medicine has ignored my warnings. But now, they've come face to face with this reality. In fact, I was shocked to read the following from a conventional medicine research team: "Fluoride can be toxic by ingesting one part per million (1 ppm), and the effects are NOT immediate [emphasis added], as they can take 20 years or more to become evident." This is an incredible admission. For decades you have been pummeled with the "optimal fluoridation concentration." And, that level is 1 ppm.

The research team demonstrated that fluoride crosses the blood brain barrier. It induces neuronal damage, inciting learning and memory problems. The researchers confirm that fluoride can inflict the structural changes we see in Alzheimer's disease. Other research has come up with the same conclusions.

Even Time magazine, the establishment's icon, listed fluoride as one of the top 10 poisons in its April 12, 2010 issue. Time called it neurotoxic and tumorigenic if you swallow it. But what happens if you are the first research scientist to discover evidence against mainstream dogma? Phyllis Mullenix, PhD, was the first U.S. scientist to find evidence that fluoride damages the brain. She published her animal study in a respected peer-reviewed scientific journal in 1995. Then her bosses fired her for doing so.

I won't bore you with more fluoride "whacko" tales. But as a physician who would prefer NOT to see patients with dementia, I urge you NOT to drink fluoridated water or use fluoride toothpaste, which do absolutely nothing to help adult oral hygiene or teeth. If your drinking water is fluoridated, demand from your officials that the slow poisoning be stopped IMMEDIATELY.

And, as for children, these researchers are rightly concerned about the accumulation of fluoride in the brain over many years. Alzheimer's and dementia have gone virtually epidemic since they foisted fluoride on you. I am not foolhardy enough to say it is a straight-line cause and effect. But a neurotoxin is a neurotoxin. Perhaps in conjunction with all the other harder to avoid neurotoxins out there (like pesticides, electromagnetic pollution, heavy metals, etc.) this totally worthless and toxic practice might be the final straw breaking the camel's back.

There is one other major moral to this story. Note, the researchers said that fluoride toxicity might take decades to appear. All who read these pages know that those words are exactly what I have been writing for years about drug therapy. Drugs are tested only for a few months. No one is looking at their effects over years, or the cumulative effects of the multitude of petrochemical drugs most patients have been stuffed with. All drugs are enzyme poisons, just like fluoride is an enzyme poison. It took less than 20 years for Vioxx toxicity to rear its ugly head. How many years will it take for statins, diabetes drugs, many hypertension drugs, etc?

Yours for better health and medical freedom,

Robert J. Rowen, MD

Ref: Neurologia 2011 Jun;26(5):297-300. Epub 2011 Jan 2

They labeled those of us opposed to this out of bizzaroland "optimal dose" as whackos or idiots. I was vilified in Anchorage by the medical/dental mob. It succeeded in getting an unconstitutional retroactive law fluoridating the city water supply over the vociferous objections of the majority of those testifying against it. (Anchorage had been fluoridating its water for decades without any authorization).

185612

185612

Parsons, Susan

From: Guy Wagner [guy@guywagner.com]
Sent: Monday, September 10, 2012 9:54 AM
To: Moore-Love, Karla
Subject: Portland mayor Sam Adams says he will watch An Inconvenient Tooth
September 9th

Portland mayor Sam Adams has answered that "yes" he will watch An Inconvenient Tooth in full before voting on water fluoridation. This is in response to the open letter below.

September 7th, 2012

Open letter to Sam Adams, Randy Leonard, Nick Fish, Amanda Fritz and Dan Saltzman - Members of the Portland city council.

Hello Sam, Randy, Nick, Amanda, and Dan,

I have directly handed to each of you (except Nick who left the meeting earlier than I expected) flyers for my new documentary film called "An Inconvenient Tooth". Thank you Sam and Amanda for telling me that you thought it had a great title.

I would like ask each of you one simple yes or no question. That question is whether or not you intend to watch this film in full before voting on water fluoridation on September 12th. I want to know whether or not you are going to take the time to watch this film before voting on something that will affect almost a million people, many or most of which do not want fluoride added to their water as they have expressed 3 times in public votes on the issue. I would like to know if you are going to honestly listen to the opposition before voting to fluoridate Portland area water for the first time in history.

Please answer "yes" or "no" as soon as you can. If you choose not to answer I will assume the answer is no.

You can view the film at www.AnInconvenientTooth.org

Thank You,
Guy Wagner
Portland, OR

Parsons, Susan

185612

From: Jan Ferrante [oregonchiro@hotmail.com]
Sent: Monday, September 10, 2012 10:06 AM
To: Moore-Love, Karla
Subject: re: Please enter these documents into the public record on the fluoridation issue.
Attachments: Fluoride 2 -- Opposition letter to mandated water Fluoridation--SAM ADAMS MAYOR.doc;
Fluoride -- data references to accompany OCA position paper.doc

Karla:

Attached is a letter in opposition of mandated fluoridation in our water system which written by the Oregon Chiropractic Association Board of Directors and our Legislative committee. It was then signed by our President Dr. Dan Beeson and mailed to Mayor Sam Adams (letter addressed to him is attached) and the four members of the Portland City Council (addressed separately to each of them -- not attached since it was duplicated). I have also attached the references regarding fluoridation in water that was included with those letters.

I have now been told that submitting to the Mayor and City Council would not get the document into the record. (I am not sure why they would not have to submit it ??) However, we would like to request that both documents get entered into the PERMANENT RECORD and I was told that in order to do so I should forward this to you. If you are not the correct person to handle this will you please forward to the correct person handling these written submissions.

Thanks.

Jan Ferrante, Executive Director
Oregon Chiropractic Association
10570 SE Washington St #202
Portland, OR 97216
ph: 503-256-1601
fax: 503-256-1602

9/10/2012

185612

Parsons, Susan

From: Christopher Ham [mailto:change.org]
Sent: Sunday, September 09, 2012 6:43 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

If i want fluoride i will go get fluoride toothpaste and mouth wash.. which i do sometimes... but i should have that choice. Just have it be water coming out of the taps.

Christopher Ham
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Julie Mikalson [mailto:mail@change.org]
Sent: Sunday, September 09, 2012 11:30 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Julie Mikalson
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

From: Jenny Dempsey Stein [mailto:change.org]
Sent: Sunday, September 09, 2012 1:11 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Jenny Dempsey Stein
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: jina kim [mailto:change.org]
Sent: Sunday, September 09, 2012 2:13 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

jina kim
portland , Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Grae Lewis [mailto:change.org]
Sent: Sunday, September 09, 2012 2:16 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

While I don't live in Portland proper, I do live in Multnomah county and the county is pushing for this as well and shares water resources. Mayor Adams and the city counsel is pushing for this while the Fairbanks Alaska city counsel voted to STOP fluoridating their water last year, per Fairbanks Fluoride Task Force recommendations.

http://www.aspenpitkin.com/Portals/0/docs/City/envhealth/eh_fluoride_fairbanks_alaska_report.pdf

Grae Lewis
Portland, Oregon

185612

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

From: Reed McIntosh [mailto:mail@change.org]
Sent: Sunday, September 09, 2012 5:36 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Reed McIntosh
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Hal Brodigan [mailto:change.org]
Sent: Sunday, September 09, 2012 6:27 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

The city should not be wasting tax payer money on programs that are not proven to be effective. There is no correlation between the rate of cavities and fluoridated water. Toothpaste or mouth wash are more effective mediums for applying a higher concentration of fluoride to the teeth.

Hal Brodigan
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: john earle [jearle@centurytel.net]
Sent: Sunday, September 09, 2012 1:00 AM
To: Moore-Love, Karla
Subject: The fluoride issue in perspective

The politically driven pro fluoride group is totally ignoring the obvious scientific fact that all chemical reactions take time and ingesting fluoride (or any other substance) allows hours for it to affect the internal organs, blood and brain. Whereas drinking passes through the teeth in seconds. The major discussion must be about the advantage to the internal systems first. When that can be shown to be of benefit, then the teeth become a secondary issue. The discussion presently lacks this simple logic, either through ignorance or purposeful deception.

john earle

Parsons, Susan

From: john earle [jaearle@centurytel.net]
Sent: Sunday, September 09, 2012 1:11 AM
To: Gonzalez, Cevero
Subject: The logic about fluoridating water

185612

The simple logic that is being ignored on this issue is that all chemical reactions take time. Ingesting fluoridated water allows hours for it to be ingested in to the internal organs, blood and brain. Whereas flowing past the teeth takes seconds. The first and most important issue is what benefits to the body ingestion of fluoridated water can be shown. Since the teeth treatment is just a flow by in seconds, it should not even be considered until the ingestion issue is shown to be beneficial.

john earle

Parsons, Susan

185614

From: Ardi Keim [keim0009@gmail.com]
Sent: Sunday, September 09, 2012 8:13 AM
To: Moore-Love, Karla
Subject: Fwd: Portland Water

----- Forwarded message -----

From: **Ardi Keim** <keim0009@gmail.com>
Date: Sun, Sep 9, 2012 at 10:03 AM
Subject: Portland Water
To: cevero.gonzalez@portlandoregon.gov

Previously from Oregon, I have always enjoyed re-visiting Portland, where I knew I could drink the water. No longer. No thanks.

Ardi Keim
Minnesota

Parsons, Susan

185612

From: anthony ferguson [toro3222@gmail.com]
Sent: Sunday, September 09, 2012 10:47 AM
To: Moore-Love, Karla
Subject: Fluoride in Portland water

I moved my family here 2 years ago from Los Angeles. One important reason was the un-fluorated water and clean air. I since have bought 4 properties in Portland and pay over 29000.00 in property taxes. I strongly dis agree with Mayor Adams plan to spend our tax dollars on this absurd proposal to poison Portland's water with fluoride.
Rovena Cardiel and Tony Ferguson

3266 E. Burnside
1010 Se 49th Ave
939 NE 31st
3236 Se taylor
Portland, OR

Parsons, Susan

From: anthony ferguson [toro3222@gmail.com]
Sent: Sunday, September 09, 2012 10:54 AM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: Portland Water

185612

My Husband and I STRONGLY dis-agree with adding Fluoride to Portland's drinking water. It is poison. Brushing and flossing teeth is the only way to truly prevent tooth decay. Serving the lobby of the Fluoride industry is not what you were elected to do. We moved here 2 years ago for the clean water and air for our family. We have since purchased 4 homes and pay over \$29000.00 in property taxes.

VOTE NO on adding Fluoride to Portland's water.

Rovena and Tony Ferguson

3266 E. Burnside
939 NE 31st
1010 SE 49th
3236 SE Taylor
Portland, OR

Parsons, Susan

185612

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 12:48 PM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: No to Fluoriding Portlands Water!!

Sam,

I am absolutely disgusted in you and your a disgrace to Portland! You are not listening to the people that voted you in to make Portland a better place. I am so ashamed I voted for you! I thought you would not be a sell out. Seems like you want a good payout for your last term in office.

You have no right to put this toxic waste in our water. It is not your decision!!! Since it has been voted down in the past, I don't know why you feel that we have changed our minds.

The links you posted on Facebook for why you support this are very weak! I would hope that you would listen to the people of Portland, after all that is your job!!!!

Christin

Parsons, Susan

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 12:54 PM
To: Johnson, Aaron H.
Cc: Moore-Love, Karla
Subject: No to Fluoriding Portland's Precious Water!!!!!!!!!!!!!!

185612

Randy,

As a concerned citizen I feel that I must speak out about Fluoridating Portland water. I do not think this is fair that 5 people have the authority to make this decision.

We have such an amazing water supply and have a hard time believing the true motive is for kids teeth. There has to be an alternative motive such as corruption and greed, or possibly Nestles bottled water deal...

I do not want to have this toxic waste brought to Portland and pushed down our throats. Please vote no for the sake of our health!

Christin

Parsons, Susan

185612

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 12:58 PM
To: Finn, Brendan
Cc: Grumm, Matt; Moore-Love, Karla
Subject: No to Flouriding Portland's Water!!!!!!!!!!!!!!!

As a concerned citizen that loved Portland's drinking water, please vote NO to bringing this toxic waste to our city!

Christin

185612

Parsons, Susan

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 1:05 PM
To: Kuhn, Hannah
Cc: Moore-Love, Karla
Subject: No to Fluoriding Portland's Precious Water!!

Nick,

As a concerned citizen that loves Portland's water I feel you have no right to make this decision for thousands of Portlanders to push this toxic waste into our drinking water!

I am amazing at how fast you are trying to make this go through. There is no way this will happen with as many concerned citizens there are! I have lost all respect for you Mr. Fish!

Christin

Parsons, Susan

185612

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 1:07 PM
To: Howard, Patti
Cc: Moore-Love, Karla
Subject: No to Fluoriding Portland's Precious Water!!!!!!

Hi Amanda,

I know you mentioned you feel that it should be the Portlander's choice to have this toxic waste put into our water. I am happy that you feel this way. As a concerned citizen that loves our water please vote no to this! Thank you!

Sincerely,

Christin

Parsons, Susan

185612

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 1:11 PM
To: contact@charliehales.com
Cc: Moore-Love, Karla
Subject: NO to Fluoriding Portland's Precious Water!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Hi Charlie,

As a concerned Portland citizen I would like to ask your help for supporting the many Portlanders that do not want this toxic waste pushed into our water supply. Thank you in advance:)

Christin

185612

Parsons, Susan

From: christin bryk [bryk9c@yahoo.com]
Sent: Sunday, September 09, 2012 1:13 PM
To: henry@jeffersonsmith.com
Cc: Moore-Love, Karla
Subject: NO to Fluoriding Portland's Precious Water!!!!!!!!!!!!!!!!!!!!!!

Hi Jefferson,

As a concerned Portland citizen I would like to ask your help for supporting the many Portlanders that do not want this toxic waste pushed into our water supply. Thank you in advance:)

Christin

Parsons, Susan

185612

From: Kannon McAfee [kannonmcafee@gmail.com]
Sent: Sunday, September 09, 2012 1:32 PM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: fluoridation of water

I am opposed to this poison being put into our water! The council is directly opposing years of opposition by citizens of Portland and surrounding communities and is in fact wasting its time and our time, since the voters will prevent this agenda from being realized.

Do the right thing. Drop this now or pay for it politically.

Kannon McAfee
St. Johns

Parsons, Susan

185612

From: Howard Patterson [hpatterson@earthlink.net]
Sent: Sunday, September 09, 2012 2:37 PM
To: Gonzalez, Cevero; Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Commissioner Fritz; Howard, Patti; contact@charliehailes.com; henry@jeffersonsmith.com
Cc: Moore-Love, Karla
Subject: Flouride lethal to salmonids at low concentrations
Commissioners, staff, and candidates:

In the ongoing discussions of fluoridation of the Portland water supply, I have seen little mention of the environmental impacts of this misguided plan.

Foulkes and Anderson (1994) showed that salmon in the Northwest are themselves lethally susceptible to fluoride poisoning at levels deemed "optimal" for drinking water fluoridation; that depletion by fluoride toxicity of food organisms essential to salmonids can also impact salmonid survival; that other negative effects on salmonid breeding and migration can be brought on by exposure to fluoride in low concentrations; and that sewage systems tend to concentrate fluoride in effluent significantly beyond the level in drinking water. The authors recommend "the immediate banning of artificial fluoridation and the rapid sunseting of the current disposal practices of fluoride-producing industries" to protect our deeply impacted salmonid species.

To intentionally add this toxic pollutant to the finest municipal water supply in the country, indeed one of the cleanest water systems in the world, is utterly unconscionable.

Fluoride accumulates in the exoskeletons of invertebrates and in the bones and teeth of vertebrates, bioaccumulating in higher concentrations as one moves up the steps of the food chain. High concentrations of this toxin have long been known to be extremely damaging and often deadly: the long-range effects of lower concentrations of fluoride in human bodies may well be significant, but there has been very little large-scale research.

Fluoride is only effective for cavity reduction when applied topically, not when ingested systemically: the NIH found no correlation between fluoride ingestion and tooth decay (Warren 2009). According to the World Health Organization, the same declines in tooth decay shown by countries with fluoridated water are also shown by non-fluoridating countries: it is the improvement in dental hygiene, including the use of fluoride toothpastes and mouthwashes, not water fluoridation, that appears to be responsible for these declines.

The NHA study by York University (2000) which the Mayor quotes as support for his position does not, in fact, do so. It finds that research data supporting the effectiveness of water fluoridation for tooth decay reduction are "poor"; and, even more importantly, that far more extensive and credible research on the safety of fluoridation must be conducted before it can be considered safe.

Please, please, spend the \$5 million this intrusive and unnecessary program would cost on an intensive program of education in dental hygiene, and easy access to toothbrushes, fluoride toothpastes, and dentistry for the city's poor - not on a program that will be ineffective, may well cause more long-range health problems than it solves, and could have a devastating effect on already-stressed endangered species as well as on our environment as a whole.

Thank you,

9/10/2012

185612

Howard Jay Patterson, M.E.M.

Master of Environmental Management
aquatic ecology and biomonitoring
Professional Certificate in River Restoration

Eccentric Force - artistic director and chief science officer
The Fighting Instruments of Karma Marching Chamber Band/Orchestra - bandleader
The Flying Karamazov Brothers - founder, retired

hjpatterson@earthlink.net
503.975.2569

Richard G Foulkes and Anne C Anderson "IMPACT OF ARTIFICIAL FLUORIDATION ON SALMON SPECIES IN THE NORTHWEST USA AND BRITISH COLUMBIA, CANADA" *Fluoride* Vol.27 No.4 220-226 1994 <http://sonic.net/kryptox/environ/salmon.htm>

WHO (Online). WHO Oral Health Country/Area Profile Programme. Department of Noncommunicable Diseases Surveillance/Oral Health. WHO Collaborating Centre, Malmö University, Sweden.

Warren JJ et al. (2009). Considerations on Optimal Fluoride Intake Using Dental Fluorosis and Dental Caries Outcomes – A Longitudinal Study. *Journal of Public Health Dentistry*. 69 (2): 111–15.

What the 'York Review' on the fluoridation of drinking water really found <http://www.york.ac.uk/inst/crd/fluoridnew.htm>

Parsons, Susan

From: Linda Hallmark [mailto:change.org]
Sent: Sunday, September 09, 2012 4:41 PM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

18561

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
2. Have been told by our health care providers to avoid fluoride, and/or
3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
4. Are health care providers treating people who are medically unable to tolerate fluoride and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.

<http://www.aemonline.org/chemicalsensitivitypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”

<http://www.aemonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this

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185614

is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

My father was a dentist, I have 2 cousins that are dentists and all have discussed the fluoride issue at length. We all believe that it is unsafe and DO NOT want it in our water....period.

Linda Hallmark
Sandy, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

Parsons, Susan

185612

From: Michael Shoehorn Conley [michael.s.conley.5@facebook.com]
Sent: Sunday, September 09, 2012 11:08 PM
To: Gonzalez, Cevero; Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Commissioner Fritz; Howard, Patti; contact@charliehales.com; henry@jeffersonsmith.com; Moore-Love, Karla; Howard Patterson
Subject: Re: Flouride lethal to salmonids at low concentrations

Good one Howard. I will share this on my page if you don't mind.

On September 9, 2012 2:37:22 PM PDT, Howard Patterson wrote:

Commissioners, staff, and candidates:

In the ongoing discussions of fluoridation of the Portland water supply, I have seen little mention of the environmental impacts of this misguided plan.

Foulkes and Anderson (1994) showed that salmon in the Northwest are themselves lethally susceptible to fluoride poisoning at levels deemed "optimal" for drinking water fluoridation; that depletion by fluoride toxicity of food organisms essential to salmonids can also impact salmonid survival; that other negative effects on salmonid breeding and migration can be brought on by exposure to fluoride in low concentrations; and that sewage systems tend to concentrate fluoride in effluent significantly beyond the level in drinking water. The authors recommend "the immediate banning of artificial fluoridation and the rapid sunseting of the current disposal practices of fluoride-producing industries" to protect our deeply impacted salmonid species.

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Please, please, spend the \$5 million this intrusive and unnecessary program would cost on an intensive program of education in dental hygiene, and easy access to toothbrushes, fluoride toothpastes, and dentistry for the city's poor - not on a program that will be ineffective, may well cause more long-

185612

range health problems than it solves, and could have a devastating effect on already-stressed endangered species as well as on our environment as a whole.

Thank you,

Howard Jay Patterson, M.E.M.

Master of Environmental Management
aquatic ecology and biomonitoring
Professional Certificate in River Restoration

Eccentric Force - artistic director and chief science officer
The Fighting Instruments of Karma Marching Chamber Band/Orchestra - bandleader
The Flying Karamazov Brothers - founder, retired

hjpatterson@earthlink.net
503.975.2569

Richard G Foulkes and Anne C Anderson "IMPACT OF ARTIFICIAL FLUORIDATION ON SALMON SPECIES IN THE NORTHWEST USA AND BRITISH COLUMBIA, CANADA"
Fluoride Vol.27 No.4 220-226 1994 <http://sonic.net/kryptox/environ/salmon.htm>

WHO (Online). WHO Oral Health Country/Area Profile Programme. Department of Noncommunicable Diseases Surveillance/Oral Health. WHO Collaborating Centre, Malmö University, Sweden.

Warren JJ et al. (2009). Considerations on Optimal Fluoride Intake Using Dental Fluorosis and Dental Caries Outcomes – A Longitudinal Study. *Journal of Public Health Dentistry*. 69 (2): 111–15.

What the 'York Review' on the fluoridation of drinking water really found
<http://www.york.ac.uk/inst/crd/fluoridnew.htm>

185612

Parsons, Susan

From: Pat Murphy [pamacup@hotmail.com]
Sent: Saturday, September 08, 2012 12:32 AM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman; Moore-Love, Karla
Subject: fluoride info

Dear Mayor and Commissioners,

Before you vote on fluoridating our water please consider a few things:

- Since there are many sources from which we get fluoride, how do we know how much fluoride the target population (those who Portland water,) is exposed to already? It is within the realm of possibility that fluoridation to even 0.7 ppm could give many people more than the CDC says is safe.
- How are you planning to test our population to see if fluoride is universally really below levels the CDC says are necessary?
- The goal is 0.7 ppm. What is the range, and how often will the water concentration be on target?
- How does fluoride & chemicals added with it interact with all the chemicals that are already added to make our water safe from parasites, etc? The little I have read about this is troubling.
- How will we know if what may be added will be enough to cause a serious outbreak of fluorosis?
 - The rate of fluorosis in the US is extraordinarily high: Almost 25% for sure, and another 16% possible. (NCHS Data Brief ■ No. 53 ■ November 2010). I consider this an extremely high rate for a side effect, although the CDC seems to think it is good. I suspect any pharmaceutical company would consider 25% a high rate of side effect for a drug as well.
- It is heartbreaking to see children with bad teeth. Do we know their levels of fluoride? If not why not? It is conceivable that something else might be the primary problem. It is unscientific and not smart to assume that is the cause without data. It is even less smart to act on and spend enormous amounts of money on that assumption.
- Do we know sugar and dietary habits of those with poor teeth? Poor early dietary habits and excess sugar intake, especially from soda, will create a very poor foundation for health, including dental health. Fluoride is no real substitute for these.
- When physicians prescribe a drug or supplement to treat a disease, it is done on an individual basis, because we know that what may help one person may harm another. Mass treatment makes no medical sense. Fluoride is not good for everyone, as we heard Wednesday.
- We need to address the real problem with children: get them good dental care, (which seems to be in process to some degree), teach good dental habits, get them good food, and health education. I suspect many health care providers would be willing to spend some time monthly to help— in order to address the real problem rather than use a Band-Aid that could be causing serious help problems.
- Please consider and learn from what Australians discovered before Portland makes the same mistake-- the real problem is what we put in our mouths, not the fluoride that may be missing. (bold and italics)

[Aust Dent J.](#) 2011 Jun;56(2):122-31. doi: 10.1111/j.1834-7819.2011.01313.x. Epub 2011 May 9.

Contemporary fluid intake and dental caries in Australian children.

[Lee JG, Brearley Messer LJ.](#)

Source: Melbourne Dental School, The University of Melbourne, Victoria, Australia.

Abstract

In Australia, caries experience of 6-year-old and 12-year-old children has increased since the mid to late 1990s. Previously, caries rates had declined, attributable to community water fluoridation. The recent caries increase has been attributed speculatively to changes in fluid intake, including increased consumption of sweet drinks and bottled waters. Increasing urbanization and globalization have altered children's diets worldwide, promoting availability and access to processed foods and sweet drinks. Studies in Australia and internationally have demonstrated significant associations between sweet drink intake and caries experience. ***Despite widespread fluoride availability in contemporary Australian society, the relationship between sugar consumption and caries development continues and restricting sugar intake remains key to caries prevention.*** Caries risk assessment should be included in treatment planning for all children; parents should be advised of their child's risk level and given information on oral health promotion. Readily-implemented caries risk

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assessment tools applicable to parents and clinicians are now available. **Public health information should increase awareness that consuming sweet drinks can have deleterious effects on the dentition as well as the potential for promoting systemic disease. Restricting sales of sweet drinks and sweet foods and providing healthy food and drinks for purchase in schools is paramount.**

© 2011 Australian Dental Association.

PMID: 21623802

Respectfully,
Patricia Murphy, ND

Parsons, Susan

From: Karins Towers [mailto:change.org]
Sent: Saturday, September 08, 2012 8:50 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Karins Towers
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Michael Steele [mailto:mail@change.org]
Sent: Saturday, September 08, 2012 3:10 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Michael Steele
Morrice, Michigan

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Sierra Morrison [mailto:change.org]
Sent: Saturday, September 08, 2012 5:46 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Sierra Morrison
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Mark Hecate [mark@eraserville.com]
Sent: Saturday, September 08, 2012 1:13 PM
To: Moore-Love, Karla
Subject: FW: Please stop Fluoridation project
copying for recording purposes

185612

From: Mark Hecate [mailto:mark@eraserville.com]
Sent: Thursday, August 30, 2012 8:28 AM
To: 'Amanda@portlandoregon.gov'
Subject: Please stop Fluoridation project

Dear Ms. Fritz,

I am writing to ask for your assistance in stopping the Fluoridation of the water supply in Portland. Voters have rejected this move previously and this time our Mayor and City Council appear to be forcing the issue through, without letting the citizenship make the decision. I do NOT want any additional chemicals added to my water supply. Fluoride is only beneficial to help prevent cavities in a topical application - there is not benefit to consuming fluoride and some studies show that there are negative impacts, such as increase risk of certain cancers. I respectfully request that you focus on this issue and help us preserve our water without the addition of fluoride. Thank you.

Sincerely,

Mark Hecate
711 SE 29th Ave
Portland, OR 97214
mark@eraserville.com

Parsons, Susan

185612

From: Mark Hecate [mark@eraserville.com]
Sent: Saturday, September 08, 2012 1:13 PM
To: Moore-Love, Karla
Subject: FW: Stop the fluoridation project
copying for recording purposes

From: Mark Hecate [mailto:mark@eraserville.com]
Sent: Thursday, August 30, 2012 8:29 AM
To: 'nick@portlandoregon.gov'
Subject: Stop the fluoridation project

Dear Mr. Fish,

I am writing to ask for your assistance in stopping the Fluoridation of the water supply in Portland. Voters have rejected this move previously and this time our Mayor and City Council appear to be forcing the issue through, without letting the citizenship make the decision. I do NOT want any additional chemicals added to my water supply. Fluoride is only beneficial to help prevent cavities in a topical application - there is not benefit to consuming fluoride and some studies show that there are negative impacts, such as increase risk of certain cancers. I respectfully request that you focus on this issue and help us preserve our water without the addition of fluoride. Thank you.

Sincerely,

Mark Hecate
711 SE 29th Ave
Portland, OR 97214
mark@eraserville.com

Parsons, Susan

185612

From: Mark Hecate [mark@eraserville.com]
Sent: Saturday, September 08, 2012 1:14 PM
To: Moore-Love, Karla
Subject: FW: Please stop the fluoridation project
copying for recording purposes

From: Mark Hecate [mailto:mark@eraserville.com]
Sent: Thursday, August 30, 2012 8:30 AM
To: 'dan@portlandoregon.gov'
Subject: Please stop the fluoridation project

Dear Mr. Saltzman,

I am writing to ask for your assistance in stopping the Fluoridation of the water supply in Portland. Voters have rejected this move previously and this time our Mayor and City Council appear to be forcing the issue through, without letting the citizenship make the decision. I do NOT want any additional chemicals added to my water supply. Fluoride is only beneficial to help prevent cavities in a topical application - there is not benefit to consuming fluoride and some studies show that there are negative impacts, such as increase risk of certain cancers. I respectfully request that you focus on this issue and help us preserve our water without the addition of fluoride. Thank you.

Sincerely,

Mark Hecate
711 SE 29th Ave
Portland, OR 97214
mark@eraserville.com

9/10/2012

Parsons, Susan

185612

From: Mark Hecate [mark@eraserville.com]
Sent: Saturday, September 08, 2012 1:14 PM
To: Moore-Love, Karla
Subject: FW: Please stop the fluoridation project copying for recording purposes

From: Mark Hecate [mailto:mark@eraserville.com]
Sent: Thursday, August 30, 2012 8:31 AM
To: 'randy@portlandoregon.gov'
Subject: Please stop the fluoridation project

Dear Mr. Leonard,

I am writing to ask for your assistance in stopping the Fluoridation of the water supply in Portland. Voters have rejected this move previously and this time our Mayor and City Council appear to be forcing the issue through, without letting the citizenship make the decision. I do NOT want any additional chemicals added to my water supply. Fluoride is only beneficial to help prevent cavities in a topical application - there is not benefit to consuming fluoride and some studies show that there are negative impacts, such as increase risk of certain cancers. I respectfully request that you focus on this issue and help us preserve our water without the addition of fluoride. Thank you.

Sincerely,

Mark Hecate
711 SE 29th Ave
Portland, OR 97214
mark@eraserville.com

9/10/2012

Parsons, Susan

185612

From: Mark Hecate [mark@eraserville.com]
Sent: Saturday, September 08, 2012 1:14 PM
To: Moore-Love, Karla
Subject: FW: Please stop the fluoridation project
copying for recording purposes

From: Mark Hecate [mailto:mark@eraserville.com]
Sent: Thursday, August 30, 2012 8:32 AM
To: 'sam.adams@portlandoregon.gov'
Subject: Please stop the fluoridation project

Dear Mayor Adams,

I am writing to ask for your assistance in stopping the Fluoridation of the water supply in Portland. Voters have rejected this move previously and this time our Mayor and City Council appear to be forcing the issue through, without letting the citizenship make the decision. I do NOT want any additional chemicals added to my water supply. Fluoride is only beneficial to help prevent cavities in a topical application - there is not benefit to consuming fluoride and some studies show that there are negative impacts, such as increase risk of certain cancers. I respectfully request that you focus on this issue and help us preserve our water without the addition of fluoride. Thank you.

Sincerely,

Mark Hecate
711 SE 29th Ave
Portland, OR 97214
mark@eraserville.com

Parsons, Susan

185612

From: Katherine Anne Stansbury [kathycallaway@whiz.to]
Sent: Saturday, September 08, 2012 4:22 PM
To: Moore-Love, Karla; Adams, Sam; Commissioner Fish; Leonard, Randy; Commissioner Fritz; Commissioner Saltzman
Subject: For public record: Ordinance 1003 Authorize and direct the Portland Water Bureau to fluoridate the City of Portland's public drinking water supply

For public record:
 Ordinance 1003 - Authorize and direct the Portland Water Bureau to fluoridate the City of Portland's public drinking water supply
 September 7, 2012

Due process is not, as comedian Stephen Colbert pointed out, just some process that you do.

On Sept. 6, 2012 I attended the city council hearing on ordinance 1003, and observed the following:

The hearing was structured so that those who are promoting adding fluorosilicic acid to our water supply had 2 hours to make their case with a full presentation. Those opposed had to make our case in 3, then 2, then 1-minute sound bites.

The Mayor and Councilmen Leonard and Fish knew those wanting to add fluorosilicic acid to our water had a year, or more, to prepare for this moment. They knew, because they kept their meetings with the fluorosilicic acid lobby secret, that the rest of us had about a week.

The mayor asked not one critical question of the proponents, yet persisted in confronting those opposed with deliberately obfuscating arguments such as, "So, are you opposed to putting chlorine in our water?"

On the other hand, he openly hugged (I mean big hug) at least one fluorosilicic acid promotor, told two physicians testifying in favor that they looked like "what a doctor should look like," and asked two other physicians, facetiously, "And, for the record, are you a front for "Big Fluoride?"

Councilman Leonard stated that he plans to make the initiative process moot by rushing/pushing through the permitting necessary to bring fluorosilicic acid on line. He thus stated his disrespect for national, state, county, and city law and the public interest they exist to promote, as well as the checks and balances we rely on as fundamental safeguards in our system of government.

Councilman Fish stayed long enough to see the 2 hour presentation, and then decided he didn't even need to be present for last night's pro forma event.

The mayor also left for over an hour. Two of five council members could not give this matter their full attention last night, but such is the haste to vote on this that they scheduled the hearing anyway.

The fluorosilicic acid promoters are well-funded; they are an industrial lobbying group. They had months to put together an ensemble of people with impressive credentials, appealing personas, and a politically correct diversity mix. They assigned talking points, and hit them repeatedly ("I grew up in _____, where we were lucky enough to have fluoride in our water, and the first time I went to the dentist here, he looked at my teeth and said, "Oh, were did you move here from?" / "bombed out mouths" / "public health issue" / "for the children" / "I applaud you for showing leadership"). They were treated as experts. They were responded to as though they spoke fact.

The impressively-credentialed individuals opposed to adding fluorosilicic acid were not treated as though they spoke fact; they were treated like they had nutty opinions. Follow-up questions were not used to clarify or learn, but to discredit and confound.

There are few things more frustrating than responding to an overture to speak from someone who has already stated that what you say doesn't matter. Adams, Leonard and Fish have made it clear they don't care about our watershed, our health, our rights, or our political heritage as a progressive city. They've made it clear that their aggression on this issue is intended to shut out the influence of the city's citizens on this grave decision that will profoundly affect each and every one of us.

The entire spectacle was heart-breaking. It's tragic to see three such cynical people in control of our city council.

Katherine Anne Stansbury
 5519 SW Multnomah Blvd.
 Portland, Oregon 97219
 503-936-1977

9/10/2012

Parsons, Susan

From: Kathleen Courian-Sanchez [arttoad1@gmail.com]

Sent: Saturday, September 08, 2012 4:40 PM

To: Moore-Love, Karla

Subject: Water Fluoridation Harm

<http://www.nteu280.org/Issues/Fluoride/629FINAL.htm>

185612

**NTEU CHAPTER 280 - U.S. ENVIRONMENTAL PROTECTION AGENCY, NATIONAL HEADQUARTERS
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STATEMENT OF

Dr. J. WILLIAM HIRZY

NATIONAL TREASURY EMPLOYEES UNION CHAPTER 280

BEFORE THE

SUBCOMMITTEE ON WILDLIFE, FISHERIES AND DRINKING WATER

UNITED STATES SENATE

JUNE 29, 2000

Good morning Mr. Chairman and Members of the Subcommittee. I appreciate the opportunity to appear before this Subcommittee to present the views of the union, of which I am a Vice-President, on the subject of fluoridation of public water supplies.

Our union is comprised of and represents the professional employees at the headquarters location of the U.S. Environmental Protection Agency in Washington D.C. Our members include toxicologists, biologists, chemists, engineers, lawyers and others defined by law as "professionals." The work we do includes evaluation of toxicity, exposure and economic information for management's use in formulating public health and environmental protection policy. I am not here as a representative of EPA, but rather as a representative of EPA headquarters professional employees, through their duly elected labor union. The union first got involved in this issue in 1985 as a matter of professional ethics. In 1997 we most recently voted to oppose fluoridation. Our opposition has strengthened since then.

Summary of Recommendations

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- 1) We ask that you order an independent review of a cancer bioassay previously mandated by Congressional committee and subsequently performed by Battelle Memorial Institute with appropriate blinding and instructions that all reviewer's independent determinations be reported to this Committee.
- 2) We ask that you order that the two waste products of the fertilizer industry that are now used in 90% of fluoridation programs, for which EPA states they are not able to identify any chronic studies, be used in any future toxicity studies, rather than a substitute chemical. Further, since federal agencies are actively advocating that each man woman and child drink, eat and bathe in these chemicals, silicofluorides should be placed at the head of the list for establishing a MCL that complies with the Safe Drinking Water Act. This means that the MCL be protective of the most sensitive of our population, including infants, with an appropriate margin of safety for ingestion over an entire lifetime.
- 3) We ask that you order an epidemiology study comparing children with dental fluorosis to those not displaying overdose during growth and development years for behavioral and other disorders.
- 4) We ask that you convene a joint Congressional Committee to give the only substance that is being mandated for ingestion throughout this country the full hearing that it deserves.

National Review of Fluoridation The Subcommittee's hearing today can only begin to get at the issues surrounding the policy of water fluoridation in the United States, a massive experiment that has been run on the American public, without informed consent, for over fifty years. The last Congressional hearings on this subject were held in 1977. Much knowledge has been gained in the intervening years. It is high time for a national review of this policy by a Joint Select Committee of Congress. New hearings should explore, at minimum, these points: WP="BR1">

- 1) excessive and un-controlled fluoride exposures;
- 2) altered findings of a cancer bioassay;
- 3) the results and implications of recent brain effects research;
- 4) the "protected pollutant" status of fluoride within EPA;
- 5) the altered recommendations to EPA of a 1983 Surgeon General's Panel on fluoride;
- 6) the results of a fifty-year experiment on fluoridation in two New York communities;
- 7) the findings of fact in three landmark lawsuits since 1978;
- 8) the findings and implications of recent research linking the predominant fluoridation chemical with elevated blood-lead levels in children and anti-social behavior; and
- 9) changing views among dental researchers on the efficacy of water fluoridation

Fluoride Exposures Are Excessive and Un-controlled According to a study by the National Institute of Dental Research, 66 percent of America's children in fluoridated communities show the visible sign of over-exposure and fluoride toxicity, dental fluorosis (1). That result is from a survey done in the mid-

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1980's and the figure today is undoubtedly much higher.

Centers for Disease Control and EPA claim that dental fluorosis is only a "cosmetic" effect. God did not create humans with fluorosed teeth. That effect occurs when children ingest more fluoride than their bodies can handle with the metabolic processes we were born with, and their teeth are damaged as a result. And not only their teeth. Children's bones and other tissues, as well as their developing teeth are accumulating too much fluoride. We can *see* the effect on teeth. Few researchers, if any, are looking for the effects of excessive fluoride exposure on bone and other tissues in American children. What has been reported so far in this connection is disturbing. One example is epidemiological evidence (2a, 2b) showing elevated bone cancer in young men related to consumption of fluoridated drinking water.

Without trying to ascribe a cause and effect relationship beforehand, we do know that American children in large numbers are afflicted with hyperactivity-attention deficit disorder, that autism seems to be on the rise, that bone fractures in young athletes and military personnel are on the rise, that earlier onset of puberty in young women is occurring. There are biologically plausible mechanisms described in peer-reviewed research on fluoride that can link some of these effects to fluoride exposures (e.g. 3,4,5,6). Considering the economic and human costs of these conditions, we believe that Congress should order epidemiology studies that use dental fluorosis as an index of exposure to determine if there are links between such effects and fluoride over-exposure.

In the interim, while this epidemiology is conducted, we believe that a national moratorium on water fluoridation should be instituted. There will be a hue and cry from some quarters, predicting increased dental caries, but Europe has about the same rate of dental caries as the U.S. (7) and most European countries do not fluoridate (8). I am submitting letters from European and Asian authorities on this point. There are studies in the U.S. of localities that have interrupted fluoridation with no discernable increase in dental caries rates (e.g., 9). **And people who want the freedom of choice to continue to ingest fluoride can do so by other means.**

Cancer Bioassay Findings In 1990, the results of the National Toxicology Program cancer bioassay on sodium fluoride were published (10), the initial findings of which would have ended fluoridation. But a special commission was hastily convened to review the findings, resulting in the salvation of fluoridation through systematic down-grading of the evidence of carcinogenicity. The final, published version of the NTP report says that there is, "equivocal evidence of carcinogenicity in male rats," changed from "clear evidence of carcinogenicity in male rats."

The change prompted Dr. William Marcus, who was then Senior Science Adviser and Toxicologist in the Office of Drinking Water, to blow the whistle about the issue (22), which led to his firing by EPA. Dr. Marcus sued EPA, won his case and was reinstated with back pay, benefits and compensatory damages. I am submitting material from Dr. Marcus to the Subcommittee dealing with the cancer and neurotoxicity risks posed by fluoridation.

We believe the Subcommittee should call for an independent review of the tumor slides from the bioassay, as was called for by Dr. Marcus (22), with the results to be presented in a hearing before a Select Committee of the Congress. The scientists who conducted the original study, the original reviewers of the study, and the "review commission" members should be called, and an explanation given for the changed findings.

Brain Effects Research Since 1994 there have been six publications that link fluoride exposure to direct adverse effects on the brain. Two epidemiology studies from China indicate depression of I.Q. in children (11,12). Another paper (3) shows a link between prenatal exposure of animals to fluoride and subsequent birth of off-spring which are hyperactive throughout life. A 1998 paper shows brain and

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kidney damage in animals given the "optimal" dosage of fluoride, viz. one part per million (13). And another (14) shows decreased levels of a key substance in the brain that may explain the results in the other paper from that journal. Another publication (5) links fluoride dosing to adverse effects on the brain's pineal gland and pre-mature onset of sexual maturity in animals. Earlier onset of menstruation of girls in fluoridated Newburg, New York has also been reported (6).

Given the national concern over incidence of attention deficit-hyperactivity disorder and autism in our children, we believe that the authors of these studies should be called before a Select Committee, along with those who have critiqued their studies, so the American public and the Congress can understand the implications of this work.

Fluoride as a Protected Pollutant The classic example of EPA's protective treatment of this substance, recognized the world over and in the U.S. before the linguistic de-toxification campaign of the 1940's and 1950's as a major environmental pollutant, is the 1983 statement by EPA's then Deputy Assistant Administrator for Water, Rebecca Hanmer (15), that EPA views the use of hydrofluosilicic acid recovered from the waste stream of phosphate fertilizer manufacture as,

"...an ideal solution to a long standing problem. By recovering by-product fluosilicic acid (sic) from fertilizer manufacturing, water and air pollution are minimized, and water authorities have a low-cost source of fluoride..."

In other words, the solution to pollution is dilution, as long as the pollutant is dumped straight into drinking water systems and not into rivers or the atmosphere. I am submitting a copy of her letter.

Other Federal entities are also protective of fluoride. Congressman Calvert of the House Science Committee has sent letters of inquiry to EPA and other Federal entities on the matter of fluoride, answers to which have not yet been received.

We believe that EPA and other Federal officials should be called to testify on the manner in which fluoride has been protected. The union will be happy to assist the Congress in identifying targets for an inquiry. For instance, hydrofluosilicic acid does not appear on the Toxic Release Inventory list of chemicals, and there is a remarkable discrepancy among the Maximum Contaminant Levels for fluoride, arsenic and lead, given the relative toxicities of these substances.

Surgeon General's Panel on Fluoride We believe that EPA staff and managers should be called to testify, along with members of the 1983 Surgeon General's panel and officials of the Department of Human Services, to explain how the original recommendations of the Surgeon General's panel (16) were altered to allow EPA to set otherwise unjustifiable drinking water standards for fluoride.

Kingston and Newburg, New York Results In 1998, the results of a fifty-year fluoridation experiment involving Kingston, New York (un-fluoridated) and Newburg, New York (fluoridated) were published (17). In summary, there is no overall significant difference in rates of dental decay in children in the two cities, but children in the fluoridated city show significantly higher rates of dental fluorosis than children in the un-fluoridated city.

We believe that the authors of this study and representatives of the Centers For Disease Control and EPA should be called before a Select Committee to explain the increase in dental fluorosis among American children and the implications of that increase for skeletal and other effects as the children mature, including bone cancer, stress fractures and arthritis.

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Findings of Fact by Judges In three landmark cases adjudicated since 1978 in Pennsylvania, Illinois and Texas (18), judges with no interest except finding fact and administering justice heard prolonged testimony from proponents and opponents of fluoridation and made dispassionate findings of fact. I cite one such instance here.

In November, 1978, Judge John Flaherty, now Chief Justice of the Supreme Court of Pennsylvania, issued findings in the case, *Aitkenhead v. Borough of West View*, tried before him in the Allegheny Court of Common Pleas. Testimony in the case filled 2800 transcript pages and fully elucidated the benefits and risks of water fluoridation as understood in 1978. Judge Flaherty issued an injunction against fluoridation in the case, but the injunction was overturned on jurisdictional grounds. His findings of fact were not disturbed by appellate action. Judge Flaherty, in a July, 1979 letter to the Mayor of Auckland New Zealand wrote the following about the case:

"In my view, the evidence is quite convincing that the addition of sodium fluoride to the public water supply at one part per million is extremely deleterious to the human body, and, a review of the evidence will disclose that there was no convincing evidence to the contrary..."

"Prior to hearing this case, I gave the matter of fluoridation little, if any, thought, but I received quite an education, and noted that the proponents of fluoridation do nothing more than try to impune (sic) the objectivity of those who oppose fluoridation."

In the Illinois decision, Judge Ronald Niemann concludes: "This record is barren of any credible and reputable scientific epidemiological studies and or analysis of statistical data which would support the Illinois Legislature's determination that fluoridation of the water supplies is both a safe and effective means of promoting public health."

Judge Anthony Farris in Texas found: "[That] the artificial fluoridation of public water supplies, such as contemplated by {Houston} City ordinance No. 80-2530 may cause or contribute to the cause of cancer, genetic damage, intolerant reactions, and chronic toxicity, including dental mottling, in man; that the said artificial fluoridation may aggravate malnutrition and existing illness in man; and that the value of said artificial fluoridation is in some doubt as to reduction of tooth decay in man."

The significance of Judge Flaherty's statement and his and the other two judges' findings of fact is this: proponents of fluoridation are fond of reciting endorsement statements by authorities, such as those by CDC and the American Dental Association, both of which have long-standing commitments that are hard if not impossible to recant, on the safety and efficacy of fluoridation. Now come three truly independent servants of justice, the judges in these three cases, and they find that fluoridation of water supplies is not justified.

Proponents of fluoridation are absolutely right about one thing: there is no real controversy about fluoridation when the facts are heard by an open mind.

I am submitting a copy of the excerpted letter from Judge Flaherty and another letter referenced in it that was sent to Judge Flaherty by Dr. Peter Sammartino, then Chancellor of Fairleigh Dickenson University. I am also submitting a reprint copy of an article in the Spring 1999 issue of the Florida State University *Journal of Land Use and Environmental Law* by Jack Graham and Dr. Pierre Morin, titled "Highlights in North American Litigation During the Twentieth Century on Artificial Fluoridation of Public Water. Mr. Graham was chief litigator in the case before Judge Flaherty and in the other two cases (in Illinois and Texas).

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We believe that Mr. Graham should be called before a Select Committee along with, if appropriate, the judges in these three cases who could relate their experience as trial judges in these cases.

Hydrofluosilicic Acid There are no chronic toxicity data on the predominant chemical, hydrofluosilicic acid and its sodium salt, used to fluoridate American communities. Newly published studies (19) indicate a link between use of these chemicals and elevated level of lead in children's blood and anti-social behavior. Material from the authors of these studies has been submitted by them independently.

We believe the authors of these papers and their critics should be called before a Select Committee to explain to you and the American people what these papers mean for continuation of the policy of fluoridation.

Changing Views on Efficacy and Risk In recent years, two prominent dental researchers who were leaders of the pro-fluoridation movement announced reversals of their former positions because they concluded that water fluoridation is not an effective means of reducing dental caries and that it poses serious risks to human health. The late Dr. John Colquhoun was Principal Dental Officer of Auckland, New Zealand, and he published his reasons for changing sides in 1997 (20). In 1999, Dr. Hardy Limeback, Head of Preventive Dentistry, University of Toronto, announced his change of views, then published a statement (21) dated April 2000. I am submitting a copy of Dr. Limeback's publications.

We believe that Dr. Limeback, along with fluoridation proponents who have not changed their minds, such as Drs. Ernest Newbrun and Herschel Horowitz, should be called before a Select Committee to testify on the reasons for their respective positions.

Thank you for your consideration, and I will be happy to take questions.

CITATIONS

1. Dental caries and dental fluorosis at varying water fluoride concentrations. Heller, K.E, Eklund, S.A. and Burt, B.A. *J. Pub. Health Dent.* 57 136-43 (1997).
- 2a. A brief report on the association of drinking water fluoridation and the incidence of osteosarcoma among young males. Cohn, P.D. *New Jersey Department of Health* (1992).
- 2b. Time trends for bone and joint cancers and osteosarcomas in the Surveillance, Epidemiology and End Results (SEER) Program. National Cancer Institute. In: *Review of fluoride: benefits and risks.* Department of Health and Human Services. 1991: F1-F7.
3. Neurotoxicity of sodium fluoride in rats. Mullenix, P.J., Denbesten, P.K., Schunior, A. and Kernan, W.J. *Neurotoxicol. Teratol.* 17 169-177 (1995)
- 4a. Fluoride and bone - quantity versus quality [editorial] *N. Engl. J. Med.* 322 845-6 (1990)
- 4b. Summary of workshop on drinking water fluoride influence on hip fracture and bone health.

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- Gordon, S.L. and Corbin, S.B. *Natl. Inst. Health*. April 10, 1991.
5. Effect of fluoride on the physiology of the pineal gland. Luke, J.A. *Caries Research* 28 204 (1994).
 6. Newburgh-Kingston caries-fluorine study XIII. Pediatric findings after ten years. Schlesinger, E.R., Overton, D.E., Chase, H.C., and Cantwell, K.T. *JADA* 52 296-306 (1956).
 7. WHO oral health country/area profile programme. Department of Non-Communicable Diseases Surveillance/Oral Health. WHO Collaborating Centre, Malmö University, Sweden.
 8. Letters from government authorities in response to inquiries on fluoridation status by E. Albright. Eugene Albright: contact through J. W. Hirzy, P.O. Box 76082, Washington, D.C. 20013.
 9. The effects of a break in water fluoridation on the development of dental caries and fluorosis. Burt B.A., Keels ., Heller KE. *J. Dent. Res.* 2000 Feb;79(2):761-9.
 10. Toxicology and carcinogenesis studies of sodium fluoride in F344/N rats and B6C3F₁ mice. *NTP Report No. 393* (1991).
 11. Effect of high fluoride water supply on children's intelligence. Zhao, L.B., Liang, G.H., Zhang, D.N., and Wu, X.R. *Fluoride* 29 190-192 (1996)
 12. Effect of fluoride exposure on intelligence in children. Li, X.S., Zhi, J.L., and Gao, R.O. *Fluoride* 28 (1995).
 13. Chronic administration of aluminum- fluoride or sodium-fluoride to rats in drinking water: alterations in neuronal and cerebrovascular integrity. Varner, J.A., Jensen, K.F., Horvath, W. And Isaacson, R.L. *Brain Research* 784 284-298 (1998).
 14. Influence of chronic fluorosis on membrane lipids in rat brain. Z.Z. Guan, Y.N. Wang, K.Q. Xiao, D.Y. Dai, Y.H. Chen, J.L. Liu, P. Sindelar and G. Dallner, *Neurotoxicology and Teratology* 20 537-542 (1998).
 15. Letter from Rebecca Hanmer, Deputy Assistant Administrator for Water, to Leslie Russell re: EPA view on use of by-product fluosilicic (sic) acid as low cost source of fluoride to water authorities. March 30, 1983.
 16. Transcript of proceedings - Surgeon General's (Koop) *ad hoc* committee on non-dental effects of fluoride. April 18-19, 1983. National Institutes of Health. Bethesda, MD.
 17. Recommendations for fluoride use in children. Kumar, J.V. and Green, E.L. *New York State Dent. J.* (1998) 40-47.
 18. Highlights in North American litigation during the twentieth century on artificial fluoridation of public water supplies. Graham, J.R. and Morin, P. *Journal of Land Use and Environmental Law* 14 195-248 (Spring 1999) Florida State University College of Law.
 19. Water treatment with silicofluorides and lead toxicity. Masters, R.D. and Coplan, M.J. *Intern. J. Environ. Studies* 56 435-49 (1999).

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20. Why I changed my mind about water fluoridation. Colquhoun, J. *Perspectives in Biol. And Medicine* 41 1-16 (1997).

21. Letter. Limeback, H. April 2000. Faculty of Dentistry, University of Toronto.

22.. Memorandum: *Subject*: Fluoride Conference to Review the NTP Draft Fluoride Report; *From*: Wm. L. Marcus, Senior Science Advisor ODW; *To*: Alan B. Hais, Acting Director Criteria & Standards Division Office of Drinking Water. May 1, 1990.

Parsons, Susan

185612

From: Josie Henderson [hendersonjosie@comcast.net]
Sent: Saturday, September 08, 2012 8:08 PM
To: Moore-Love, Karla
Cc: Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Copy of September 6th Testimony
Attachments: Henderson testimony fluoride city council 9-6-12.docx

Dear Ms. Moore-Love,

Please accept this hard copy of the testimony I planned to give at the city council hearing on Thursday, September 6th. Unfortunately, the meeting ran a bit long :) and I had to leave before my turn to testify came up. Thanks for your assistance and understanding.

Sincerely,

Josie Henderson, MPAHA
Program Manager
Oregon Public Health Association
818 SW Third Avenue, #1201
Portland, OR 97204
503-719-5600
jhenderson@oregonpublichealth.org
www.oregonpublichealth.org

Find us on Facebook

<http://www.facebook.com/pages/Oregon-Public-Health-Association/128899458974>

Follow @ORPublicHealth on twitter

Parsons, Susan

185612

From: Halina Fuller [mailto:change.org]
Sent: Saturday, September 08, 2012 11:52 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Halina Fuller
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Kathleen Courian-Sanchez [arttoad1@gmail.com]
Sent: Saturday, September 08, 2012 8:50 AM
To: Moore-Love, Karla
Subject: Water Fluoridation film

It appears the city council has not investigated the harm that water fluoridation causes. There are adverse side affects to water fluoridation, NO ONE should be exposed to this against their WILL!!!

Please watch this film with scientific experts who have done the research, analyzed the research, looked at the toxicology reports on water fluoridation.

You have listened to the "pro-fluoride" side, give equal time to the anti-fluoride facts, it's your obligation as city officials to do so.

<http://aninconvenienttooth.org/>

Parsons, Susan

185612

From: Kevin Van Zandt [kpx@me.com]
Sent: Saturday, September 08, 2012 11:29 PM
To: Parsons, Susan
Subject: No fluoridation

Hi Susan!

I just want you to know, as a Portland resident, I do not want fluoride added to my water.

Thank you,

Kevin Van Zandt

Parsons, Susan

From: Josie Henderson [hendersonjosie@comcast.net] 185612
Sent: Saturday, September 08, 2012 8:08 PM
To: Moore-Love, Karla
Cc: Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Copy of September 6th Testimony
Attachments: Henderson testimony fluoride city council 9-6-12.docx

Dear Ms. Moore-Love,

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Sincerely,

Josie Henderson, MPAHA
Program Manager
Oregon Public Health Association
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503-719-5600
jhenderson@oregonpublichealth.org
www.oregonpublichealth.org

Find us on Facebook

<http://www.facebook.com/pages/Oregon-Public-Health-Association/128899458974>

Follow @ORPublicHealth on twitter

Mr. Mayor and members of the Council, my name is Josie Henderson and I represent the Oregon Public Health Association, a nonprofit organization founded in 1944 with over 400 members. I am also a parent, and a long-time resident of Portland.

The Oregon Public Health Association strongly supports fluoridating Portland's water supply. The Centers for Disease Control and Prevention calls the fluoridation of drinking water one of the ten great public health achievements in the US in the past century. It's easy to understand why—fluoridation is an extremely safe, effective and affordable way to promote healthy teeth in all our citizens.

The CDC estimates that for every \$1 spent on water fluoridation, \$38 are saved in dental care. My sons received fluoride supplements while attending public school here in Portland, but water fluoridation is a much more cost effective option—it is 70 times cheaper than supplements. Water fluoridation will save Portlanders money. When Colorado fluoridated their water they saved nearly \$149 million in unnecessary dental treatment costs. Fluoridation will also help reduce what we spend on Medicaid. When Texas fluoridated their water supply, the state saved \$24 per child, per year in Medicaid expenditures.

Now more than ever we need to make sure that we are using our precious public resources wisely. Water fluoridation is an extremely cost-effective way to improve the health of thousands of our citizens. Your decision to fluoridate our city's water supply will be a triumph and a milestone for public health in Oregon. It will mean that Portlanders join over 200 million Americans who already enjoy the benefits of this great public health achievement.

In closing, the Oregon Public Health Association respectfully requests that the Council vote to authorize the fluoridation of Portland's water supply. Thank you for the opportunity to comment.

185612

Parsons, Susan

From: joe walsh [lonevet2008@yahoo.com]
Sent: Saturday, September 08, 2012 9:32 PM
To: Moore-Love, Karla
Cc: Lonevet2008@comcast.net; rep.alissakenyguyer@state.or.us
Subject: fluoride in our drinking water

Karl,

Please enter this letter into the official record. Each member of the council did get their copy but it seems that we now have to send you a copy also.

Open letter to Portland Council and others:

I was not able to attend the public testimony about your intentions of adding fluoride to our drinking water (due to illness.) I have just finished watching the documentary called, "An Inconvenient Tooth."

<http://AnInconvenientTooth.org>

I strongly recommend you take the time to view what is a well put together video concerning the issue of Fluoride. I know you have all been given a DVD and should have looked at it by today. I feel very strongly that you should ask the question, why this is being pushed so quickly. There is enough new science coming in today that lends itself to, at the very least, cause you to have more input before you enact something that will surely come back and bite you in the butt; like cigarettes--like asbestos,---like PCBs etc. etc., all products that the CDC, EPA, DNA, MDA said at one time were safe or ok to use at specific levels. We are not asking you to change some decision you made years ago, we are simply asking you to do no harm.

If you vote in the fluoridation of our water, you know there will be an attempt to override your decision. Given that, are you willing to put your legacy on the line to do something that 3 or more times, people of Portland have said, NO?

Let me know when you have watched the video and your response. I am not a lawyer but see litigation down the line if you vote this in, and there is enough science on our side to drag you into a court someday, just like what happened with asbestos. Once you are told of the dangers and ignore them it will be very difficult to convince a judge you did not know.

Joe

9/10/2012

Parsons, Susan

185612

From: Anna Bain [annabain999@gmail.com]

Sent: Saturday, September 08, 2012 10:27 PM

To: Moore-Love, Karla

Subject: Please!!

4 members of my family members are allergic to fluoride! Please do not poison our water!

PLEASE!

Parsons, Susan

185612

From: Victoria Hall [mailto:change.org]
Sent: Friday, September 07, 2012 2:23 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Victoria Hall
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: Megan Sanford [mailto:change.org]
Sent: Friday, September 07, 2012 2:26 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Megan Sanford
Gresham, Oregon

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9/10/2012

Parsons, Susan

185612

From: Katie Elze [mailto:change.org]
Sent: Friday, September 07, 2012 2:30 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Katie Elze
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Halie Simmons [mailto:change.org]
Sent: Friday, September 07, 2012 2:31 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I believe fluoride is a toxic pollutant and should not be forced upon any population. We have the option to buy fluoride toothpaste, etc., why fluoridate the water and risk health problems? Swallowing fluoride has no effect on teeth, it doesn't magically go to teeth and make them stronger. Aluminum plant runoff isn't natural fluoride in the first place! It's ridiculous. Please keep Portland's water clean.

Halie Simmons
Eugene, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Heather Pittenger [mailto:change.org]
Sent: Friday, September 07, 2012 2:31 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I believe each person should have a choice before being forced into consuming such a controversial chemical. Also, I believe it is still a questionable debate concerning the health safety and environmental impacts of fluoride. Thank you.

Heather Pittenger
Florence, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: brian jauch [mailto:change.org]
Sent: Friday, September 07, 2012 2:32 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

brian jauch
portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Phoenix Musacchia [mailto:mail@change.org]
Sent: Friday, September 07, 2012 2:43 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Phoenix Musacchia
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Marla Fry [mailto:change.org]
Sent: Friday, September 07, 2012 2:44 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Right to choose

Marla Fry
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Patricia Dair [mailto:mail@change.org]
Sent: Friday, September 07, 2012 2:48 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

My family has health issues that preclude us from drinking anything but pure water. From what I know today, fluoridation should not be imposed on all citizens of Portland.

Patricia Dair
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Anni Zieler [mailto:mail@change.org]
Sent: Friday, September 07, 2012 8:57 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Anni Zieler
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Kathy Olsej [mailto:change.org]
Sent: Friday, September 07, 2012 3:15 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation
Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I believe fluoride does MUCH more harm than good. The whole fluoridation program is a huge scam and ends up building up in peoples systems, making them sick and stupid. And the proof is VERY shakey that it prevents cavities.

Kathy Olsej
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Sabrina Winkel [mailto:change.org]
Sent: Friday, September 07, 2012 3:18 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Sabrina Winkel
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Nathan Warner [mailto:mail@change.org]
Sent: Friday, September 07, 2012 3:23 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

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There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I should be able to have a voice as a citizen when drinking water is up for a change.

Nathan Warner
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Mihir Desu [mailto:change.org]
Sent: Friday, September 07, 2012 3:37 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Mihir Desu
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: London Lunoux [mailto:mail@change.org]
Sent: Friday, September 07, 2012 3:41 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

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Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

London Lunoux
Portland, Oregon

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9/10/2012

Parsons, Susan

185612

From: Daniel Bedell [mailto:mail@change.org]
Sent: Friday, September 07, 2012 3:57 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

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Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Daniel Bedell
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Caalon Fry [mailto:change.org]
Sent: Friday, September 07, 2012 4:19 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

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There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

This is a public matter and should not be decided without public consent. EPA lists flouride as a "Chemical with SUBSTANTIAL evidence of developmental neurotoxicity. Chinese manufacturers list it as a pesticide. Harvard studies link to decreased IQ and serious health problems, especially in children. Flouride passes the brain/blood barrier and has an accumulative effect. Jan 7 2012 EPA lowers max amount of allowed flouride to .7ppm (7mg/L). The list goes on.....

Caalon Fry
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

From: Alexander Kain [lxkain@gmail.com]
Sent: Friday, September 07, 2012 4:14 PM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: NO fluoride in Portland's drinking water!

Dear Mayor, Commissioners, City Council Members,

I oppose a city ordinance for water fluoridation. To do so without a public vote is not negotiable. Commissioner Leonard's proposal to complete such implementation of a program through the Portland Water Bureau before November 2014 is unacceptable, against public consent, and against our basic democratic rights.

Please note the following points:

1. Please get all the facts before rendering a decision. We the citizens of Portland are informed and educated around this topic. We have observed a disconnect between promoters' characterization of water fluoridation and what extensive research into the issue—including review of medical/dental journals and various USPHS and other government documents—show. We have voted down fluoridation repeatedly. We expect our legislators and Portland Commissioners to take the time to review the issue, weigh the evidence, and make an informed decision to, at the very least send the issue to voters. We believe there is a need for a less biased, more complete picture of what fluoridating drinking water actually means.

2. Dental Health is important, but systemic fluoridation is not the answer to a topical need. City Council should know we care about the under insured and their dental health. That we support Portland's desire to assist those in need through outreach programs that include education, nutrition, oral hygiene, and free dental clinics for those most in need. These dental clinics could also provide "topical dose specific" fluoride targeting the community in need, more specifically.

Note the CDC states definitively that "fluoride's predominant effect is posteruptive and topical..." (1) Stated another way, the benefit is not from swallowing the fluoride, but applying it directly to the tooth.

City Council, health care organizations, and our health care providers that endorse fluoridation, can develop outreach programs for communities at risk. The cost to implement such a systemic water fluoridation program could be more cost effective if targeted at populations and communities at risk as well as providing age appropriate and dose appropriate topical care.

Ask yourself does it make sense to have a "one dose fit all" approach, for an entire city population? What about consideration for those at risk due to high exposure of fluoride in bottled beverages and other foods such as those contaminated with fluoride-based pesticides?

3. The source of fluoride is a critical component of the system. Serving the under insured should not have to occur through systemic water fluoridation programs using hydrofluorosilicic acid also called fluosilicic acid.

Many of those in support of water fluoridation are not aware of the source of fluoride used in these programs. Supporters also will characterize those of us concerned about this topic, as environmentalists without awareness of science or as extremist in perspective.

Ask yourself, is it extreme to be concerned with NSF, International, the private organization involved with fluoridation product certification to "voluntary" standards confirms, through its own testing, co-contamination of lead and arsenic in the product? (See reference below).

4. Not all fluoride is alike

Most typically, promoters describe fluoridation as follows: "Fluoride is a mineral that occurs naturally in water. Water fluoridation is simply the upward adjustment of fluoride to an optimal level for reducing tooth decay. It is both safe and effective."

City Council should be aware:

That although fluoride "occurs naturally" in water as does arsenic, like arsenic, it is toxic and subject to regulation by EPA as a "contaminant." (2) EPA's regulatory authority over fluoride is as a contaminant only; in its own words, EPA has no authority over water additives, including chemicals used for fluoridation. (3)

That promoters' proposed "adjustment" of fluoride to an "optimal" level will be accomplished, not with naturally occurring calcium or magnesium fluoride, but with the considerably more toxic, untreated, fluoride-rich waste products of the phosphate fertilizer industry. (4) (Many professionals question how an "optimal" concentration can deliver an "optimal" dose to each and every individual considering dramatic variances in our exposure to fluoride from other sources and the amount of water we each consume.)

That these "products," namely hydrofluorosilicic acid and its salt forms, sodium fluorosilicate and sodium fluoride, are classified as hazardous wastes (5) and cannot legally be disposed of in the air, rivers, lakes, ocean, or on land, but by marketing them as "products" for a "health benefit," they are being diluted into public water systems (saving industry expensive disposal at a Class 1 hazardous waste facility).

That, according to the American Water Works Association, people ingest less than 1 percent of treated water, meaning most of this toxic waste ends up in the very environment industry is prohibited from polluting directly.

That hydrofluorosilicic acid is so corrosive, and will so lower the pH of our water, that buffering chemicals will need to be added to water along with the fluoride.

That responding to Congressional inquiry (12/21/2000), FDA has confirmed that, when ingested for prevention/mitigation of tooth decay, fluoride is not just some mineral, but a drug under FDA regulation, one it has never reviewed or approved for that purpose. (6) In other words, the so called "health benefit" providing the loophole that allows the fertilizer industry to dispose of its toxic waste in drinking water has never been confirmed by the only agency given by Congress the authority to do so—FDA. (7) confirmed a host of contaminants in the product (after dilution in water), showing as much as 1.66 parts per billion arsenic. Product, NSF says, is not tested per batch, but just once per year. (8)

5. There is no known safe dosage

We are concerned about the source of fluoridation being proposed for Portland's water fluoridation program. One should recognize the growing body of scientific evidence questioning the practice of adding fluoride in the forms of silicofluoride and fluosilic acid to water programs. Please note that prior recommended dosage from the U.S. EPA ranged from 0.7 to 1.2 parts per million (ppm). This was recently downgraded to a maximum of 0.7 ppm due to growing concerns of risks to communities including the risk of dental fluorosis.

6. The source proposed has never been approved by the FDA for systemic use.

We are aware that hydrofluorosilicic acid is a liquid most likely sourced from Solvay, per David Shaff's office of the Portland Water Bureau. Solvay is a major agrochemical producer. The compound is a result of extensive phosphate fertilizer production, and combined with sodium fluorosilicate make up 90% of our nation's systemic water fluoridation programs. Hydrofluorosilicic acid has never been scientifically proven to prevent tooth decay, nor has it been approved by the FDA for systemic use.

7. Topical application is not the same as systemic application

Even those that are in support of fluoridation programs are in support of topical application, not systemic. The literature from the American Dental Association's own journals are clear that application is most successful topically and not systemically.

Although no randomized, controlled studies have ever been done on fluoridation (which would help to prove its safe use), the largest ever survey conducted to date, done by the National Institute of Dental Research in 1986-7 (over 39,000 children in 84 geographical

areas), found only a tiny difference in tooth decay between the always- and never-fluoridated groups of children (less than one out of approximately 120 tooth surfaces saved), but a significant difference in the incidence of dental fluorosis, permanent damage to teeth from overexposure to fluoride during tooth development. Of the "optimally" fluoridated group, 29.9 percent had fluorosis compared to 13.5 percent in the non-fluoridated children. (9)

8. International recommendations are against systemic application
We are aware the International Academy of Oral Medicine and Toxicology does not endorse water fluoridation programs due to fluorides ability systemically to inhibit enzymes and interfere with collagen health. (10)

Credible, recent, peer-reviewed science raises legitimate questions over adverse health effects, even at the so-called "optimal" level, with a focus on bone pathology (including osteosarcoma and increased hip fracture in the elderly), kidney, thyroid, and brain damage. As much as promoters want to dismiss concerns, the science is by no means settled and trends toward more concerns, not fewer.

For complete references and more information regarding systemic fluoridation and health risk visit the Fluoride Action Network, www.fluoridealert.gov. (11)

9. Other developed Countries have found better more cost effective solutions. Other developed counties such as those in Europe, do not have water system fluoridation programs due to growing concern of systemic illness and lack of cost effectiveness. Some provide, for those who desire fluoride in systemic form, table salt with fluoride additive, thereby supporting their citizen's right to choice and informed consent while keeping costs at a minimum.

10. New concerns continue to appear.

We are aware that there is a just published, Harvard meta-analysis showing reduced IQ due to systemic water fluoridation programs and total fluoride exposure. (12) Below is a summary of some of the study findings forwarded from a colleague.

"Several of the studies had a "low F" group with around 0.5 mg/L and a "high F" group with 2-3 mg/L. These levels are so close to the F levels in artificial fluoridation, that it is completely wrong for Pew to suggest these studies only dealt with levels of F that are much higher and therefore irrelevant to artificial fluoridation.

Even if the effect is relatively small, and most of the studies had deficiencies, the fact that by 10 to 1 they found that the "high F" group had lower IQ than the "low F" group suggests this is likely to be a real effect. Since the studies were carried out in many different places, using different methods and researchers, it is hard to imagine a systematic bias in all of these studies that would result in all of them producing spurious findings that F lowers IQ. Also, only a single study found that "high F" kids had higher IQ than "low F kids", and that was by a very small amount that was not statistically significant. Such consistency in results amongst 27 studies demands a follow-up with higher quality studies, rather than a dismissal because the studies had various weaknesses."

11. Medicating water causes risks to those with chemical sensitivities

Those in our community with multiple chemical sensitivity (MCS) have been recommended by their physicians to avoid fluoride in water, a known incitant. We are aware fluoride can only be filtered with reverse osmosis filtration devices. These devices filter approximately 93% of fluoride and do not work for shower or baths. They are expensive and are likely outside of financial means for the under insured who desire healthy teeth but not systemic fluoride sources that may put them at risk.

The American Academy of Environmental Medicine explains MCS as "a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population." Fluoride-containing water is considered an incitant. http://www.aaemonline.org/chemicalsensitivitypost.html?utm_source=supporter_message&utm_medium=email

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity

and researching the relationship between health and the environment. In their position paper on fluoride, they state that "fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies," and that they support "banning the addition of fluoride or products containing fluoride to public water supplies."

[http://www.aeemonline.org/images/FluorideResolution.pdf?](http://www.aeemonline.org/images/FluorideResolution.pdf)

[utm_source=supporter_message&utm_medium=email](#)

12. Fluoride application, dosage, and placement in water is complex and not truly controllable.

Dosage is variable and not easily controlled. Some of our citizens will ingest more than others, depending on their water consumption and absorption. Total fluoride exposure is difficult to determine, based on lack of fluoride labeling on foods and beverages.

13. Fluoride added to our water supply is not a nutrient it is a known toxic substance (see MSD sheets) and has never been approved by the FDA for the ingestion purpose of reducing tooth decay.

Consumers will ingest fluoridation products entirely at their own risk. NO ONE is responsible/liable for harm. Manufacturers of these chemicals will not stand behind their products as either safe or effective for the purpose for which they are added when used as directed. Here's the disclaimer that appears on the MDS sheet for one of the largest suppliers in the U.S., Mosaic: The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. This information and product are furnished on the condition that the person receiving them shall make their own determination as to suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof. The conditions and use of this product are beyond the control of Mosaic, and Mosaic disclaims any liability for loss or damage incurred in connection with the use or misuse of this substance. (13)

14. Systemic dosages are already occurring in hard to control and damaging amounts. Children (all of us, actually) are already receiving significant doses of fluoride from foods and beverages.

Here are a few important examples:

- This dental journal study looked at 43 different fruit juices and found that 42 percent of the samples had more than 1 part per million fluoride (the current, newly revised recommendation for drinking water is less than that—0.7 ppm). Gerber white grape juice tested out highest at 6.80 ppm, or nearly 10 times the current recommended level for water! (14)

- This dental journal study looked at fluoride levels of 332 soft drinks and found they "ranged from 0.02 to 1.28 ppm, with a mean level of 0.72 ppm. Fluoride levels exceeded 0.6 ppm for 71 percent of products." (15)

- This peer-reviewed study looked at fluoride levels in mechanically deboned chicken products and found: "A single serving of chicken sticks alone would provide about half of a child's upper limit of safety for fluoride." (16)

Fluoride exposure has become so ubiquitous, dental fluorosis (DF) rates are out of control. This permanent damage to teeth, downplayed by dentists as "merely cosmetic," is defined by Taber's Medical Encyclopedia (2001 edition) as "chronic fluorine poisoning, sometimes marked by mottling of tooth enamel." Even proponents admit that in its more severe forms, tooth functionality is compromised. Pitted enamel leaves a tooth vulnerable to decay, and fluoresced teeth are more brittle and prone to fracture.

The scientific literature shows that fluorosis causes embarrassment and psychological harm (see http://www.slweb.org/bibliography.html#DFperceptions?utm_source=supporter_message&utm_medium=email).

Based on the CDC study referenced next, we can expect 2-5 percent of Portland's child population to experience the moderate-to-severe form of this damage.

That the CDC's most recent research (2005) found 41 percent of 12-15 year-olds in the U.S. affected by dental fluorosis. (17) That fluorosis disproportionately affects some ethnic groups: CDC's study found among (1) White, (2) African American and (3) Mexican Americans, the percent of children with "very mild fluorosis" was 14.09, 21.21 and 15.93 respectively; percentages with "mild fluorosis" were 3.87, 8.24 and 5.05 respectively, and with "moderate/severe fluorosis," 1.92, 3.43 and 4.82 respectively. (17) This inequity, plus science identifying people with diabetes and kidney disease as "populations unusually susceptible to the toxic effects of fluoride," (18) has prominent African Americans, including former ambassador Andrew Young and Bernice King (daughter of MLK, Jr) calling for an investigation into and halt of water fluoridation. (19)

15. This is not a racial or underserved issue those in support of water fluoridation programs are making this an issue of race. City Council members should support all communities in need, and of all race, color, and heritage. Each and everyone of us is dependent on safe drinking water for health. We the citizens of Portland, regardless of race, do not appreciate adding a known toxin to all water and we do wish to support those most at risk with cheaper and more topical and choice based options.

16. Systemic fluoridation does not sufficiently provide better dental health Hawaii, the least fluoridated state in the U.S. at 8.4 percent of the water systems fluoridated (20) has, according to CDC statistics, the lowest rate of edentulism (tooth loss) in the country, at 16 percent. (21) Kentucky, with public water systems fluoridated at 99.8 percent, has the highest rate of tooth loss at 44 percent. This is contrary to what we would expect based on promoters' rhetoric.

Dr. Alexander Kain
9756 SW Lancaster Rd
Portland OR 97219

185612

Parsons, Susan

From: Kasandra Griffin [kasandra_g@yahoo.com]

Sent: Friday, September 07, 2012 4:09 PM

To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz

Subject: Fluoride testimony -- support

Mayor and commissioners,

Please add my voice to the chorus of supporters thanking you for your leadership and supporting the fluoridation measure.

I sat through the first six hours of the council hearing yesterday and left even more convinced of the value of fluoridation as a community health member.

I would have testified if the points had not already all been made, but I thought we should all go home.

The points I would most like to reiterate are:

- * The science is in favor of fluoridation as a beneficial public health measure.
- * There have been no reliable scientific studies showing negative health impacts from the recommended dosages of fluoride.
- * We are in a dental health crisis, clearly demonstrating that the other tools available to the public health community are NOT working at solving this problem.

I would also borrow a line from the "anti" side and say: I think the dental health crisis is largely the result of people's diets, and we should work on that, too. But that's an issue for another day.

Thank you.

Kasandra Griffin
503.238.1799

Parsons, Susan

185612

From: Maggie [mzadikov@gmail.com]
Sent: Friday, September 07, 2012 5:03 PM
To: Adams, Mayor
Cc: Moore-Love, Karla
Subject: No to fluoridation

Dear Sam,

As a citizen of Portland and as a health care provider, I strongly oppose the city ordinance for water fluoridation. Doing so without a public vote is not right. Comm. Leonard's proposal to complete such implementation via the Water Bureau before November 2014 is unacceptable, against public consent and against our basic democratic rights!

Sincerely,

Maggie Zadikov LAc, MA Ed
2501 SE Madison St.
Portland, Or 97214

Sent from my iPhone

Parsons, Susan

From: Maggie [mzadikov@gmail.com]
Sent: Friday, September 07, 2012 5:06 PM
To: Commissioner Fritz
Cc: Moore-Love, Karla
Subject: Fwd: No to fluoridation

185612

Dear Amanda,
Please read the email I sent to Sam below.
Thanks.

Sent from my iPhone

Begin forwarded message:

From: Maggie <mzadikov@gmail.com>
Date: September 7, 2012 5:03:29 PM PDT
To: "mayorsam@portlandoregon.gov" <mayorsam@portlandoregon.gov>
Cc: "karla.moore-love@portlandoregon.gov" <karla.moore-love@portlandoregon.gov>
Subject: No to fluoridation

Dear Sam,
As a citizen of Portland and as a health care provider, I strongly oppose the city ordinance for water fluoridation. Doing so without a public vote is not right. Comm. Leonard's proposal to complete such implementation via the Water Bureau before November 2014 is unacceptable, against public consent and against our basic democratic rights!
Sincerely,
Maggie Zadikov LAc, MA Ed
2501 SE Madison St.
Portland, Or 97214

Sent from my iPhone

Parsons, Susan

185612

From: Elaine Harrison [ElaineH@albinaheadstart.org]
Sent: Friday, September 07, 2012 5:28 PM
To: Moore-Love, Karla; Commissioner Fritz; Commissioner Fish; Commissioner Saltzman; Adams, Mayor; Leonard, Randy
Cc: Ronnie Herndon
Subject: Supporting testimony for water fluoridation
Attachments: In support of Water Fluoridation - Head Start Testimony.docx

Dear Mayor Adams and Commissioners:

Please accept my testimony in support of water fluoridation. If you need additional information, please feel free to contact me at any of the numbers listed below. Thank you for your support.

Sincerely,

Elaine Harrison

Elaine Harrison
Early Head Start Director

Albina Head Start
911 N. Skidmore
Portland, OR 97217
503-236-9389 Ext. 217
503-348-0834 (cell)
503-238-9674 Fax
ElaineH@albinaheadstart.org

9/10/2012

September 6, 2012
RE: Support for Water Fluoridation

Mayor, Commissioners,

My name is Elaine Harrison and I am the Early Head Start Director for Albina Head Start. Albina Head Start has served Portland's low-income families and children since 1965. We focus on infants, toddlers, pre-school children, prenatal mothers and families. We provide health, nutrition, education and social services.

All of us at Albina Head Start encourage you to vote "yes" for water fluoridation. We are proud to be part of the Everyone Deserves Healthy Teeth Coalition. As you have heard, the coalition is diverse and represents many organizations that serve Portland. The coalition includes the dentists who volunteer their time to provide emergency dental care; educators who try to stem the tide of tooth decay by giving out fluoride tablets and teaching kids about healthy eating; social service agencies and social justice organizations that try to help people get access to care and live healthier lives; and doctors and nurses who are trying to help all our kids stay healthy.

We are all working hard. We all see the dental health crisis first-hand. We all know that it is time to do the most basic thing to prevent tooth decay: water fluoridation.

At Albina Head Start, we can tell you from everyday experience that Portland has a dental health crisis. We see many pre-school children in horrible pain from cavities. We see young toddlers who need root canals, in need of several teeth extractions, and mouths filled with silver fillings! We also see parents who are struggling with tooth decay and missing teeth themselves. This makes it very hard for parents to find a job and get on their feet.

It is heart-breaking to see this, when we know that we could go a long way to prevent these problems with water fluoridation.

Water fluoridation would reduce cavities for all adults and children in Portland, but we see this as a social justice issue.

Low-income families are most affected by the lack of fluoridation in our water. At Albina Head Start, we teach families to brush and floss, eat right, and get access to the dentist. All too often, we must try to help families get access to emergency dental care. Many families have nowhere else to go for cavities, so they end up going to the ER. This is expensive for all of us. It would be so much better to prevent these problems in the first place. We can't afford to just pour more and more money into stop-gap measures, there will never be enough money to treat the problem. We must put our precious public funds into prevention, and stop the problems before they start. Water fluoridation is the most cost-effective prevention program and it truly leaves no person

185612

behind!

Please show you care about the whole community and all of our children, especially children who are less fortunate, and join with Albina Head Start to support water fluoridation.

Thank you.

Elaine Harrison
Albina Early Head Start Director

Parsons, Susan

185612

From: Bill Osmunson [bill@teachingsmiles.com]
Sent: Friday, September 07, 2012 8:35 PM
To: Adams, Mayor; AmandaRN; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Cc: Moore-Love, Karla; York, Emily
Subject: Re: Harvard PH updates review of the Choi study

Dear Mayor and Commissioners,

If the proponents had read any of the 33 human studies reporting IQ loss and brain damage, they would have immediately understood that 0.45 was a "standardized weighted mean difference" and not 0.45 IQ points. The studies are consistent with 5-10 IQ point loss, not half a point. But proponents avoid the literature unless the study supports their bias.

"The average loss in IQ was reported as a standardized weighted mean difference of 0.45, which would be approximately equivalent to seven IQ points for commonly used IQ scores with a standard deviation of 15. Some studies suggested that even slightly increased fluoride exposure could be toxic to the brain. Thus, children in high-fluoride areas had significantly lower IQ scores than those who lived in low-fluoride areas. The children studied were up to 14 years of age, but the investigators speculate that any toxic effect on brain development may have happened earlier, and that the brain may not be fully capable of compensating for the toxicity.*

"Fluoride seems to fit in with lead, mercury, and other poisons that cause chemical brain drain," Grandjean says. "The effect of each toxicant may seem small, but the combined damage on a population scale can be serious, especially because the brain power of the next generation is crucial to all of us.

This sentence was updated on September 5, 2012."

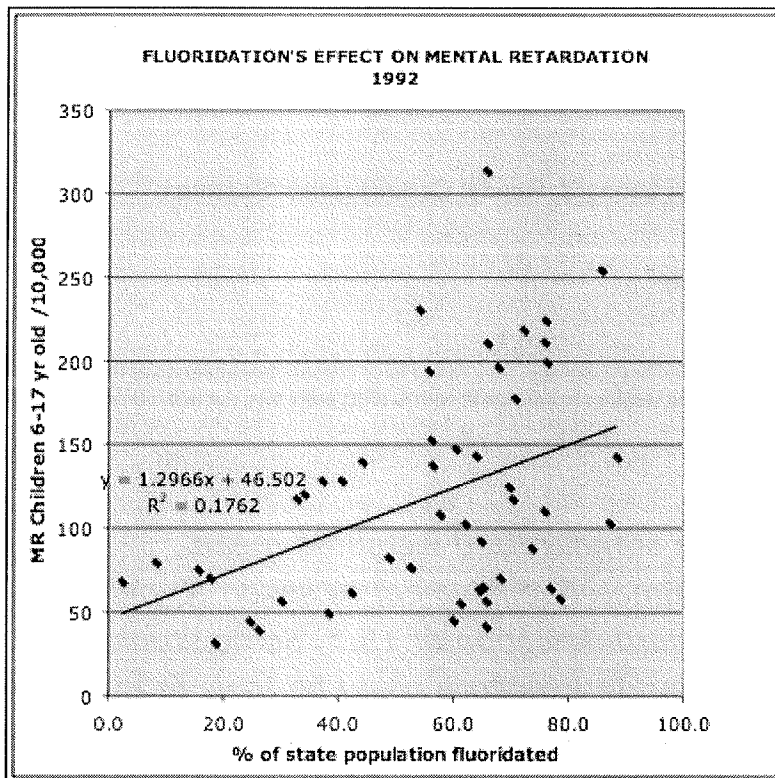
<http://www.hsph.harvard.edu/news/features/features/fluoride-childrens-health-grandjean-choi.html>

To find 26 out of 27 studies on any subject in science to be as consistent in their findings as these raises confidence in the conclusion.

When we compare the mental retardation rates in the US states when ranked on the fluoridation and find triple the number of mentally retarded, about half a standard deviation, 7 to 8 IQ point drop confirming Choi's study raises further confidence mental retardation is taking place in the USA. Note the graph below ranks the 50 US states in the order of the percent of each state's whole population fluoridated. Clearly there are other causes for mental retardation than fluoridation. The data date is confirmed by special education rates in later years.

9/10/2012

185612



Hernstein & Murray (1994) estimated the negative economic impact for each IQ. In 2012 dollars the negative impact would be about \$1,000/yr/person/IQ point or \$7,000 per person per year. If we estimate \$1,000 X 7 IQ points X 900,000 people on Portland water = over \$6 Billion negative economic impact each year. An animal study creating measured adverse brain impact report the brain damage was passed on through three generations. Clearly genetic damage which in the USA may take many decades to recover.

Portland Ordinance claims *"It would also reduce dental costs by at least \$19 per person per year, and would decrease Medicaid dental costs by an estimated 50%."*

If my estimate of harm from fluoride to the brain is only 1% correct, then the costs would be \$70/year/person or more than three times the estimated benefit.

Proponents cannot admit to any harm or it would stop fluoridation. To perpetuate the myth of "safe and effective" proponents refuse to undertake studies which are likely to find harm. Commissioner Leonard's questions asking for USA studies of harm to the brain were spot on target. The answer is fundamental.

Fluoridation is defined by Congress as a drug with oversight jurisdiction by the FDA CDER. Congress and the FDA CDER are very clear and blunt that it is the manufacturer of the drug's responsibility to provide studies with proof of safety and efficacy before marketing. It is not the patient's responsibility to provide research of harm or lack of safety to the manufacturer. The City of Portland will be the final manufacturer of the drug and by the US Federal Food and Drug Administration Act, must provide the studies of efficacy and safety.

I will help the City become compliant with Federal Law if you are willing to seek FDA approval.

Please vote NO on fluoridation until FDA approval or exemption.

185612

Sincerely,

Bill Osmunson DDS, MPH
Beaverton, Oregon
503.644.1400

185612

Parsons, Susan

From: Jacqueline Hudson [jfrosthud@hotmail.com]
Sent: Friday, September 07, 2012 9:09 PM
To: Moore-Love, Karla
Subject: Fluoridation hearings

In a preview of 'straight talk' I heard Nick Fish try to defend himself against a charge of conspiracy. Some younger people might think it is. I wish it were because that would be easy to expose. It is much more subtle. I would characterize it as an insidious form of people-pleasing for which all humans are guilty of sometime. Who hasn't felt weird standing up at a meeting (or sitting down as I did yesterday at the council hearings and expressing our views that may be contrary to those around us?

There is a classic case surrounding the fluoride debate at the national level that most people don't know about because it only became known in 1995 when an inquiring reporter uncovered under a Freedom of Information process formerly secret documents from the Manhattan Project.

In October 1944 H.Trendley Dean, who became famous for his 1ppm standard for water fluoridation was in a meeting with Manhattan Project and other dental officials to discuss implementation of the planned Kingston-Newberg fluoridation trial, with Newberg, N.Y. being the test or fluoridated city and Kingston, N.Y. the control or unfluoridated city. The Manhattan Project was, for various reasons to fund the project. He was afraid of unresolved toxicity issues and wanted to at least delay the project. He was overruled and the rest is history.

After the war he joined the US Public Health Service and was a dedicated spokesman for promoting fluoridation nationwide and later became the first director of the National Institute of Dental Research. Would he have gotten the job I he had spoken up. I doubt it. Who wants to be the odd man out?

Ironically Dr. Harold Hodge the Manhattan Project toxicology director, had some of the same fears and was one of those who overruled Mr. Dean. He later became THE expert of water fluoridation safety for USPHS. Why the change of heart? I leave it to You.

I know of several instances where people were forced out of their jobs because they either spoke up or a discovered in their research that, because of its controversial nature, were forced out. Dr. John Yiamouyiannis, Dr. John Colquhoun, Dr. Phyllis Mullenix, Dr. Dean Burke.

USPHS prematurely endorsed water fluoridation five years after the start of the pertinent studies and five years before they were scheduled to be completed. After all the studies' intent was to measure tooth decay rates for children who had some permanent teeth who had spent their entire lives in a place where the water supply was fluoridated and one can't do that after five years can one? If they had admitted to their hasty decision what would happen to their credibility? It's fear people, not conspiracy.

Parsons, Susan

185612

From: Autumn Johnstone [autumnjohnstone78@gmail.com]
Sent: Friday, September 07, 2012 9:18 PM
To: Moore-Love, Karla; mayorsam@portlandoregon.gov; randy@portlandoregon.gov; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoride testimony-Supporter

Attachments: My name is Autumn Johnstone and I am a representative for OSBHCN.docx

Thank you so much for your time yesterday. I am sorry I could not stay until it was my turn to give my testimony, but I wanted to let you know how I feel.

Thanks again,

Autumn

My name is Autumn Johnstone and I am a representative for OSBHCN. I am also a Dental Hygienist and a mom. I support water fluoridation.

First and foremost as a Dental Hygienist I understand and value teeth. Teeth have many functions. We use them for eating, speaking, and we even use them when we smile. I think the first time I understood the importance of teeth on ones self esteem was when I was a teenager. We had two foster children living with us. The older one had lost here 4 top incisors due to early childhood caries. I remember being at parks with her and church with her, and hearing other children ask her what happened to her teeth. I could see her become visibly uncomfortable. I could see her trying to hide the fact her teeth were missing. She was only four-years-old at the time. As a practicing hygienist of 12 years, I have come to learn that dental coverage, dental care, and dental education are luxuries. I have worked in Scottsdale, AZ, where patients were paying cash for 28 veneers and crowns. I have worked in Newberg, OR where patients were only able to have the treatment that was covered by their insurance. I have volunteered with Medical Teams International and have seen kids who said they didn't have a toothbrush and/or toothpaste at home.

The key in dentistry is PREVENTION! We can help prevent decay with water fluoridation. When fluoride is in the water it allows everyone to have the benefit and not just those who can afford it. When you think about the fact that fluoridated water costs less than 1 dollar per person per year, it seems like a no brainer.

The one thing I think all dental practitioners struggle with is patient compliance. I am sure it applies in the medical world too. I have spent so much time on patient education. I have explained to patients the benefits of brushing and flossing. I have talked to them about the effect of bacteria on their mouth and whole body. I have shown them plaque in their own mouth and how to remove it and yet they come back six months later with plaque in the same spots and confessing they still aren't brushing and/or flossing. I am sure there are plenty of folks in this very room who know they should floss everyday and simply do not. While I think education is a critical part of oral health we need to consider the fact that not everybody has the opportunity to be instructed by a dental professional on proper techniques of bacteria removal. Nor can we depend on every parent to provide their child with the necessary tools meaning toothbrush, toothpaste, and floss. I feel the most effective and affordable means to help make sure everybody gets a head start with better oral health is water fluoridation. Even children who don't get to go the dentist should be able to have something to help them out.

I have been fortunate. I have never experienced significant tooth pain. However, I have seen patients come into the office after having been up all night with a toothache. It is described as excruciating and intolerable. Patients will do just about anything just to have the pain go away. The top reason children miss school is due to tooth decay. Can we really expect children to be able to focus on learning when they are in pain? Heaven forbid the day or days they missing are the very days oral

education and fluoride are being administered at their school. They can't get the benefits if they aren't there.

I urge you to consider the overall benefits of adding fluoride to our water and the individual impact it can make on the lives of our community members.

Parsons, Susan

185612

From: Eric Knudsen [eric112188@gmail.com]
Sent: Friday, September 07, 2012 9:47 PM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: public comment re: forced water fluoridation

This letter copy sent to Mayor Sam Adams and Executive Assistant Cevero Gonzalez ~

Letter to the Editor: An open letter to Portland's City Council

Dear Oregonian,

- I have been reading in the Oregonian about City Council members who are rushing to commit the citizens of Portland and other affected communities to a system of forced water fluoridation. I feel sadness because I have a need to honor the service our city leaders have provided, while still standing up for friends and family who are unheard and feeling left out of a process that is supposed to be about respecting citizen's freedoms. I doubt there is need to break with Portland's history of letting citizens vote to decide this issue affecting the water supply of so many.

- Included among those I speak for, are those who believe it is a sacred trust to have the freedom to choose what goes into their bodies. One friend has an extreme sensitivity to even small amounts of fluoride. I would like to have the option of drinking water from the faucet in my home without putting a chemical I don't trust into my body.

- It is a tribute all to those leaders of the last 30-plus years who honored citizen's votes against forced water fluoridation, even as the most recent vote slipped into what might be called ancient history. Now it seems we are being told, "Your elected leaders are going to make this decision for you because if we let you vote on it, you won't make the correct choice."

- If it is the citizens who are needing and asking for forced water fluoridation, wouldn't it be useful to let them vote?

Respectfully,

Eric Knudsen
Portland Police Bureau/Retired

Parsons, Susan

185612

From: Eric Knudsen [eric112188@gmail.com]
Sent: Friday, September 07, 2012 9:50 PM
To: Johnson, Aaron H.
Cc: Moore-Love, Karla
Subject: public comment re: forced water fluoridation

This letter copy sent to Commissioner Randy Leonard and Chief of Staff Aaron Johnson ~

Letter to the Editor: An open letter to Portland's City Council

Dear Oregonian,

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Respectfully,

Eric Knudsen
Portland Police Bureau/Retired

Parsons, Susan

185612

From: Eric Knudsen [eric112188@gmail.com]
Sent: Friday, September 07, 2012 9:56 PM
To: Finn, Brendan; Grumm, Matt
Cc: Moore-Love, Karla
Subject: public comment re: forced water fluoridation

This letter copy sent to Commissioner Dan Saltzman, Chief of Staff Brendan Finn and Policy Manager Matt Grumm

~

Letter to the Editor: An open letter to Portland's City Council

Dear Oregonian,

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- If it is the citizens who are needing and asking for forced water fluoridation, wouldn't it be useful to let them vote?

Respectfully,

Eric Knudsen,
Portland Police Bureau/Retired

Parsons, Susan

185612

From: Eric Knudsen [eric112188@gmail.com]
Sent: Friday, September 07, 2012 10:00 PM
To: Kuhn, Hannah
Cc: Moore-Love, Karla
Subject: public comment re: forced water fluoridation

This letter copy sent to Commissioner Nick Fish and Chief of Staff Hannah Kuhn ~

Letter to the Editor: An open letter to Portland's City Council

Dear Oregonian,

- I have been reading in the Oregonian about City Council members who are rushing to commit the citizens of Portland and other affected communities to a system of forced water fluoridation. I feel sadness because I have a need to honor the service our city leaders have provided, while still standing up for friends and family who are unheard and feeling left out of a process that is supposed to be about respecting citizen's freedoms. I doubt there is need to break with Portland's history of letting citizens vote to decide this issue affecting the water supply of so many.

- Included among those I speak for, are those who believe it is a sacred trust to have the freedom to choose what goes into their bodies. One friend has an extreme sensitivity to even small amounts of fluoride. I would like to have the option of drinking water from the faucet in my home without putting a chemical I don't trust into my body.

- It is a tribute all to those leaders of the last 30-plus years who honored citizen's votes against forced water fluoridation, even as the most recent vote slipped into what might be called ancient history. Now it seems we are being told, "Your elected leaders are going to make this decision for you because if we let you vote on it, you won't make the correct choice."

- If it is the citizens who are needing and asking for forced water fluoridation, wouldn't it be useful to let them vote?

Respectfully,

Eric Knudsen
Portland Police Bureau/Retired

Parsons, Susan

185612

From: Eric Knudsen [eric112188@gmail.com]
Sent: Friday, September 07, 2012 10:06 PM
To: Commissioner Fritz
Cc: Howard, Patti; Moore-Love, Karla
Subject: public comment re: forced water fluoridation

To Commissioner Amanda Fritz... Please receive my gratitude for your thoughtful and respectful comments as reported in the Oregonian. Thank you, Eric

The following letter copy sent to Commissioner Amanda Fritz and Policy Advisor Patti Howard ~

Letter to the Editor: An open letter to Portland's City Council

Dear Oregonian,

- I have been reading in the Oregonian about City Council members who are rushing to commit the citizens of Portland and other affected communities to a system of forced water fluoridation. I feel sadness because I have a need to honor the service our city leaders have provided, while still standing up for friends and family who are unheard and feeling left out of a process that is supposed to be about respecting citizen's freedoms. I doubt there is need to break with Portland's history of letting citizens vote to decide this issue affecting the water supply of so many.
- Included among those I speak for, are those who believe it is a sacred trust to have the freedom to choose what goes into their bodies. One friend has an extreme sensitivity to even small amounts of fluoride. I would like to have the option of drinking water from the faucet in my home without putting a chemical I don't trust into my body.
- It is a tribute all to those leaders of the last 30-plus years who honored citizen's votes against forced water fluoridation, even as the most recent vote slipped into what might be called ancient history. Now it seems we are being told, "Your elected leaders are going to make this decision for you because if we let you vote on it, you won't make the correct choice."
- If it is the citizens who are needing and asking for forced water fluoridation, wouldn't it be useful to let them vote?

Respectfully,

Eric Knudsen
Portland Police Bureau/Retired

Parsons, Susan

185612

From: Twinka Thiebaud [mailto:mail@change.org]
Sent: Friday, September 07, 2012 4:38 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Do the research... Then get out your toothbrush and dental floss ! I don't want to eat or drink anything with poison in it.

Twinka Thiebaud
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

From: Lisa Rodarte [mailto:mail@change.org]
Sent: Friday, September 07, 2012 5:41 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Lisa Rodarte
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Diane Pinsonault [mailto:change.org]
Sent: Friday, September 07, 2012 6:10 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Due process has been completely ignored by the city council.

Diane Pinsonault
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Susan Birkes [mailto:change.org]
Sent: Friday, September 07, 2012 6:42 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Water fluoridation is a toxic drug, linked to many health hazards and most importantly eliminates individual choice. The drawbacks and health risks far outweigh any benefits. Fluoridating our water without our consent and with the growing evidence of it's hazards is both reckless and irresponsible. It removes our freedom to drink water that is clean and drug-free. And it would be impossible to control levels of exposure to fluoride when water consumption varies considerably by individual. One size does not fit all!Keep drugs out of our water, please.

Susan Birkes
Portland, Oregon

185612

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: Bronwyn Haider [mailto:change.org]
Sent: Friday, September 07, 2012 6:46 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

The community risk is to high, if someone wants floride let them get it at their dentist. Why should the general public be subject to poison?

Bronwyn Haider
Troutdale, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Anni Zieler [mailto:change.org]
Sent: Friday, September 07, 2012 8:57 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Anni Zieler
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Raechel Bennett [mailto:change.org]
Sent: Friday, September 07, 2012 9:13 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Raechel Bennett
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: m c [mailto:change.org]
Sent: Friday, September 07, 2012 10:59 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Changes that affect the public should be voted on, not forced

m c
gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: Elizabeth Estes [mailto:change.org]
Sent: Friday, September 07, 2012 11:06 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Additives to clean water are unwelcome and not needed. Stop choosing for us. It should be voted on at least.

Elizabeth Estes
Troutdale, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Cintamani Calise [mailto:change.org]
Sent: Friday, September 07, 2012 11:54 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

It is the responsibility of the individual to maintain one's nutritional levels, not the government. Please do not add fluoride, copper, etc. to our water. Keep it pure! I suffered from serious health issues last summer and had to temporarily stop drinking the Oregon water as I found out there was added copper and I was having a reaction to the high copper levels in my system. For those of us who regulate our nutritional intake responsibly, any additions can be harmful and we should not have to forfeit our health because others cannot be responsible enough to manage theirs. America is about freedom and I would like the freedom to choose what I put in my body. Please drink responsibly.

Cintamani Calise
Portland, Oregon

185612

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: jeff love [mailto:change.org]
Sent: Saturday, September 08, 2012 11:41 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

read a tube of toothpaste! if swallowed call poison control immediately! Our water is perfect as is. If you follow through with this, it will be considered a violent act with malicious intent. There are no excuses for not educating yourself.

jeff love
portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: johnbg@comcast.net
Sent: Friday, September 07, 2012 12:09 PM
To: Moore-Love, Karla
Subject: Check out this page on OregonLive.com

Dear Portland City Council:

A visitor to our site who reported his/her email address as johnbg@comcast.net thought you would be interested in this item from OregonLive.com

http://blog.oregonlive.com/myoregon/2012/09/food_not_fluoride.html

Bonnie Gregory
FEED THE CHILDREN FOOD, NOT FLUORIDE!



OregonLive.com

Everything Oregon

185612

Food, not fluoride

Published: Thursday, September 06, 2012, 11:03 PM Updated: Friday, September 07, 2012, 9:45 AM



concerned citizen

By

IN THE NOVEMBER 19, 2011 OREGONIAN COLUMN BY DAVID SARASOHN, "THE HUNGRY STATE OF OREGON'S CHILDREN", APPEAR THE FOLLOWING STATEMENTS:

"According to the food bank alliance Feeding America's new 'Map the Meal Gap,' based on U.S. Department of Agriculture findings, 29.2 percent of Oregon kids are food-insecure--the bureaucratically cleared term meaning they're not always sure where their next meal is coming from. It's the highest percentage of any state."

"It's a particular problem for Oregon. 'Our hungry children being No. 1 in the country is not helping the state's educational performance,' says Dr. Dana Hargunani, an OHSU pediatrician and the new children's health director at the Oregon Health Authority."

IT IS CLEAR THAT PROPER NUTRITION, AND NOT FLUORIDE CHEMICALS ADDED TO THE PORTLAND WATER SYSTEM, WILL GO A LONG WAYS IN NOT ONLY SATISFYING HUNGRY BODIES AND MINDS, BUT WILL ALSO ELIMINATE THE POOR EATING HABITS CAUSING TOOTH DECAY.

LET THE CITY OF PORTLAND SPEND \$5 MILLION ON FEEDING THE HUNGRY CHILDREN, INSTEAD OF ON FLUORIDE CHEMICALS, AND THE RESULTS WILL BE AMAZING!

KUDOS TO THE CITIZENS AT THURSDAY'S CITY COUNCIL HEARING WHO WAITED OVER 6 HOURS TO BE HEARD FOR 1 MINUTE. TOO BAD THE PROFESSIONAL FOLKS IN SUPPORT OF FLUORIDE WERE ALLOWED TO SPEAK AT THE BEGINNING WITH APPARENTLY NO TIME CONSTRAINT, WHILE THE CITIZENRY WAS ALLOWED FIRST 3, THEN 2, AND FINALLY 1 MINUTE SO SPEAK THEIR VIEW.

FLUORIDATION OF PORTLAND WATER DESERVES A VOTE!

RAMRODDING CHEMICALS DOWN PEOPLE'S THROAT IS NOT REPRESENTATIVE OF THE DEMOCRATIC PROCESS. THE ISSUE IS NOT PROPER DENTAL CARE FOR CHILDREN. THE ISSUE IS THE INDIVIDUAL'S RIGHT TO CHOOSE WHAT S/HE CONSUMES IN HER/HIS BODY.

185012

THIS TYRANNICAL PUSH TO MASS MEDICATE VIOLATES INDIVIDUAL RIGHTS OF SELF-DETERMINATION AND BYPASSES THE DEMOCRATIC PROCESS.

THE PEOPLE OF PORTLAND DESERVE A VOTE!!! KEEP PORTLAND WATER PURE AND THE DEMOCRATIC PROCESS INTACT!!! FEED THE CHILDREN!!!

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185612

Parsons, Susan

From: CAREY HAIDER [mailto:change.org]
Sent: Friday, September 07, 2012 12:09 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Water should be left in its natural state. The healthiest form. I do not want to consume hazardous garbage. If peoples teeth are rotting they need to quit eating candy bars, cola, etc and brush more.

CAREY HAIDER
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: jamie smith [mailto:jamie.smith@change.org]
Sent: Friday, September 07, 2012 12:15 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I don't want additives of any kind in our water! Keep bull run pure.

jamie smith
portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Gary McLeod [mailto:change.org]
Sent: Friday, September 07, 2012 12:15 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

It weirds me out and I love the pure clean water we have an abundance of. I don't need some weird chemical in it. I don't have health insurance but still manage to take care of my teeth just fine.

Gary McLeod
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Sebastian Huff [mailto:change.org]
Sent: Friday, September 07, 2012 12:16 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Sebastian Huff
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Katherine Mazzio [mailto:change.org]
Sent: Friday, September 07, 2012 12:19 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

185612

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Katherine Mazzio
Seattle, Washington

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: laura.hancock@comcast.net
Sent: Friday, September 07, 2012 12:19 PM
To: Adams, Mayor; Commissioner Fish; Commissioner Fritz; Leonard, Randy; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: fluoride in our water

Dear Mayor Adams and City Council,

I am writing to express my concerns about the process that has been used to potentially add fluoride to our drinking water. My issues are as follows:

1. The way in which this has been managed. The people of Portland have **THREE TIMES** voted against this. Enough said. It's not fair to instigate it without either another vote or not at all, as the people have already spoken. Find another way to distribute fluoride, as the Portland Public Schools has already done.
2. Fluoride itself is not my issue. **Use the money instead to offer free fluoride to those who want it**, rather than forcing it on an entire population and into our ground water, bathing water, cooking water, etc. The Portland school district has done a great job of giving fluoride to families who want it, which may be why the city of Portland has a lower dental problem rate than the surrounding areas. Don't waste the resources of our pure water or fluoride itself. Use the existing program as an example of a "Portland" way to do this!
3. My biggest issue is that there is no clear way to measure how much fluoride one is getting if it goes into our water supply. You'll be giving a **PRESCRIPTION DRUG** in the same dose to people ranging from six-pound babies to 300 lb. football players. This makes no sense to me. I use a special fluoride toothpaste and I drink a lot of water. Am I now going to get too much fluoride? How will I know? There are also people with medical conditions for which fluoride can cause problems. Why give fluoride to everyone when not everyone will benefit? Why use the resource so vastly when you can target specific "at risk" groups with free fluoride tablets or rinses?

Please reconsider this decision, and look at other options to get no-cost fluoride directly in the hands of those who want it, keeping our water a resource for all.

Sincerely,
Laura Hancock
NE 40th Ave.
Portland, OR

9/10/2012

Parsons, Susan

185612

From: Shannon Page [mailto:change.org]
Sent: Friday, September 07, 2012 12:22 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

If children are getting cavities it is because of what they're eating and drinking...sugar and refined grains. Fluoride is a toxic waste. It does not belong in our water.

Shannon Page
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Devon LePage [mailto:mail@change.org]
Sent: Friday, September 07, 2012 12:23 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Devon LePage
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Stacey Wion [mailto:change.org]
Sent: Friday, September 07, 2012 12:26 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Stacey Wion
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Maria Rectenwald [mailto:change.org]
Sent: Friday, September 07, 2012 12:26 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Maria Rectenwald
Gresham, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Meagan Sharif [mailto:change.org]
Sent: Friday, September 07, 2012 12:45 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Meagan Sharif
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Adam Thorsfeldt [mailto:change.org]
Sent: Friday, September 07, 2012 12:50 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Adam Thorsfeldt
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: dustin rowley [mailto:mail@change.org]
Sent: Friday, September 07, 2012 12:54 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

This should be thoroughly discussed and voted upon by the people.

dustin rowley
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Shelisa Wilson [mailto:change.org]
Sent: Friday, September 07, 2012 12:59 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Because we do not need low grade fluoride in the water. It has been proven to have bad health effects.

Shelisa Wilson
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:02 PM

To: Gonzalez, Cevero

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:04 PM

To: Johnson, Aaron H.

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:06 PM

To: Finn, Brendan

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

9/10/2012

185612

Parsons, Susan

From: Bianca Harris [mailto:change.org]
Sent: Friday, September 07, 2012 1:06 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I am concerned with the health risks associated with internally consuming fluoride on a daily basis.

Bianca Harris
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:06 PM

To: Grumm, Matt

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:07 PM

To: Kuhn, Hannah

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

185612

Parsons, Susan

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:08 PM

To: Commissioner Fritz

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:08 PM

To: Howard, Patti

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests.

Sincerely,
Patti Lewis

9/10/2012

185612

Parsons, Susan

From: Will Worthey [mailto:change.org]
Sent: Friday, September 07, 2012 1:11 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Will Worthey
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

From: Kathleen Courian-Sanchez [arttoad1@gmail.com]
Sent: Friday, September 07, 2012 1:12 PM
To: Moore-Love, Karla
Subject: Fluoridation harm

"The FDA has never approved any fluoride compound to be taken internally through ingestion. There are no clinical trials data with human volunteers. We do have much research showing the adverse health effects of consuming fluoride at low levels for too many years, including bone weakening and brain cellular degeneration. Fluoride from the blood incorporates into atherosclerotic plaque in coronary arteries of cardiovascular disease patients (Yuxin, Nuclear Med. Comm. 2012) and all fluoridated cities without exception have increased incidence of permanent abnormal teeth fluorotic enamel, expensive to restore.

I wrote the CDC dentists a simple question, since saliva fluoride from drinking treated water is only 0.02 ppm that bathes teeth topically, why does toothpaste contain 75,000 times more concentrated fluoride than this? The CDC already published that ingested fluoride does not work from the bloodstream systemically. CDC responded they don't know, but will send the inquiry to someone to find an answer. I sent this information to the FDA in support of the petition to ban the infusion of industrial fluorides into U.S. waters that is under review. Ingested fluoride does not work and is harmful, and water infusions violate the Hippocratic Oath and the Safe Drinking Water Act that prohibits adding substances other than to sterilize water, and is expensive."

Dr. Richard Sauerheber, Ph.D. Chemistry

185612

Parsons, Susan

From: Cindy Jack [mailto:change.org]
Sent: Friday, September 07, 2012 1:15 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Cindy Jack
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:18 PM

To: contact@charliehales.com

Cc: Moore-Love, Karla

Subject: Strongly opposed to water fluoridation

As a proud homeowner and Portland resident for 21 yrs, I am appalled that the city is even considering water fluoridation - this would be a travesty. I have been a strong supporter of your mayoral candidacy, but will cast my vote elsewhere in the upcoming election if you support this outrageous effort - it is without merit and most importantly without any public input, approval or VOTE.

Sincerely,

Patti Lewis

North Portland

Parsons, Susan

185612

From: Patti Lewis [plewis222@comcast.net]

Sent: Friday, September 07, 2012 1:19 PM

To: henry@jeffersonsmith.com

Cc: Moore-Love, Karla

Subject: Stongly opposed to water fluoridation

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests. Please publicly oppose this effort - you will have much support.

Sincerely,

Patti Lewis

North Portland

Parsons, Susan

185612

From: Heather Trujillo [mailto:change.org]
Sent: Friday, September 07, 2012 1:19 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Heather Trujillo
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Ashley Frutiger [mailto:change.org]
Sent: Friday, September 07, 2012 1:26 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Ashley Frutiger
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: kraemer.henry@gmail.com on behalf of Henry Kraemer [henry@jeffersonsmith.com]
Sent: Friday, September 07, 2012 1:31 PM
To: Patti Lewis
Cc: Moore-Love, Karla
Subject: Re: Stongly opposed to water fluoridation

185612

Hey Patti,

Thanks for reaching out! Here's a bit of what Jefferson has said on the matter:

"Fluoride is a tough one for me. Here are my thoughts:

1) I've always liked Portland's water the way it is. It's one of our real, precious assets. I've never been wild about treating our water (although we already do in various ways). A year ago I heard from a local startup CEO who moved to Portland because of "the taste of the water." This is not a scientifically informed view; I just love our water.

2) That said, the reality is that Portlanders are healthier than most of the country in nearly every regard except for dental health, and most reputable non-partisan groups (Pew Center and CDC to name two) have identified fluoridating water (not tablet prescriptions or swishes in school) as the single best solution. I have constituents and neighbors whose kids miss school days for tooth decay...kids who are embarrassed to smile. And I don't see a path to sufficiently increase nutrition or dental care.

3) This vote looks to be scheduled well before I would become mayor, so I understand that what is helpful is to see how I think through problems. I would encourage the city and proponents to step up the public engagement on this, including an explanation of the effects of fluoridation (including taste tests if people wanted them) and a robust input process (including a public survey or citizen jury process -- and I don't hate a public vote as much as some). While public engagement is not an answer to every question, my view is informed by the former mayor of Salem, who told me the stories of fluoridation in Salem and Eugene. Salem had an inclusive public process...and still has fluoridated water. Eugene apparently did it quickly...and later a citizen initiative overturned the decision.

So, put more briefly, I think we should engage more people in this conversation -- and beyond proponents or activist critics. We should listen to and willing to be persuaded by science, not just the jerk of the knee -- and that goes for my knee too. Based on the data I have seen so far, I would weigh in favor in the context of that public process, or vote yes in a public vote."

Sincerely,
Henry Kraemer
Campaign Manager
Jefferson Smith for Mayor
503-754-6694

Together, Portland will... Join us.

Facebook
Twitter

On Fri, Sep 7, 2012 at 1:19 PM, Patti Lewis <plewis222@comcast.net> wrote:

As a homeowner and proud resident of Portland for 21 years, I would like to voice my strong opposition to the water fluoridation efforts - without public approval, knowledge or input. We KNOW this isn't about the children, and are very aware of lobbyists with special interests. Please publicly oppose this effort - you will have much support.

Sincerely,
Patti Lewis
North Portland

9/10/2012

Parsons, Susan

From: Kathleen Courian-Sanchez [arttoad1@gmail.com]
Sent: Friday, September 07, 2012 7:08 AM
To: Moore-Love, Karla
Subject: Fluoride facts

And this, to show the actual numbers, vs. the skewed story we heard yesterday.....

<http://www.examiner.com/article/fluoridation-foes-doubt-portland-dental-crisis?cid=rss>

185612

Parsons, Susan

From: Jennifer Thompson [mailto:change.org]
Sent: Friday, September 07, 2012 8:08 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Jennifer Thompson
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Parsons, Susan

185612

From: Jenny Kelley [mailto:change.org]
Sent: Friday, September 07, 2012 8:14 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Jenny Kelley
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Anandi Gefroh [mailto:mail@change.org]
Sent: Friday, September 07, 2012 8:56 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Anandi Gefroh
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Carol Merwin [cmerwin@aracnet.com]
Sent: Friday, September 07, 2012 9:16 AM
To: Moore-Love, Karla; Adams, Mayor
Cc: Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Subject: fluoridation of Portland drinking water

I am adamantly opposed to adding this chemical to our drinking water. It is absurd to me that we would contaminate our drinking water supply. I do not want elected officials spending their time on this issue when there are so many more important issues to address. As a citizen I do not want to spend my tax dollars to implement a program to fluoridate water, but would rather see tax revenues spent on essential services that taxpayers want. I feel the way this is being handled is an end-run around Portland citizens and voters. Thank you for your consideration.

Regards,
Carol Merwin
Portland resident and voter

185612

Parsons, Susan

From: Barbara Bloomer MacAuley [barbloomer@yahoo.com]
Sent: Friday, September 07, 2012 10:09 AM
To: Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: NO - Fluoride. please give me the right to choose what I put in my body

Dear Commissioner Saltzman,

Please DO NOT vote in favor of adding more chemicals to our water. I want to have the right to choose if I ingest fluoride or not.

The **one and only** simple reason for adding fluoride in our water is to help children with their dental health.

But I am not a child. I am an older woman who is very concerned with **bone loss**. Why don't I count?

If you add fluoride to our drinking water then what will I do? Studies are showing that fluoride contributes to bone loss. Do you know what will happen to me if I fall and break a bone? Do you care? Is it because I am older that I no longer count?

I remember a saying that my father always use to say to me when I was a young girl... "Just because everyone else is doing it, doesn't mean you have to"

Just because all the other big cities are doing it, why does Portland have to?

Please keep Portland at the "front" of the issues. Please keep us standing together and keep us ALL healthy not just one part of the population.

Science is saying it is good for you and science is also saying it's bad.
Once this is approved, there is no turning back. Please make sure science is 100% sure not sorta sure.

If we could take all the money that will be spent on fluoridating the water, and use it towards the minimization or the end of **sugar consumption**.
Wouldn't that be more effective than fluoride?

It would not only take care of the dental health problems but a wide range of other diseases as well.
(and help the entire population)
I believe that would be a 100% scientifically proven option.

Once we add fluoride to the water .. there is no turning back.

Barbara Bloomer-MacAuley

9/10/2012

185612

Parsons, Susan

From: Barbara Bloomer MacAuley [barbloomer@yahoo.com]
Sent: Friday, September 07, 2012 10:12 AM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: NO- Fluoride please give me the right to choose what I put in my body

Dear Mayor Sam Adams,

Please DO NOT vote in favor of adding more chemicals to our water. I want to have the right to choose if I ingest fluoride or not.

The **one and only** simple reason for adding fluoride in our water is to help children with their dental health.

But I am not a child. I am an older woman who is very concerned with **bone loss**. Why don't I count?

If you add fluoride to our drinking water then what will I do? Studies are showing that fluoride contributes to bone loss. Do you know what will happen to me if I fall and break a bone? Do you care? Is it because I am older that I no longer count?

I remember a saying that my father always use to say to me when I was a young girl... "Just because everyone else is doing it, doesn't mean you have to"

Just because all the other big cities are doing it, why does Portland have to?

Please keep Portland at the "front" of the issues. Please keep us standing together and keep us ALL healthy not just one part of the population.

Science is saying it is good for you and science is also saying it's bad for you. Once this is approved, there is no turning back. Please make sure science is 100% sure not sorta, kinda sure.

If we could take all the money that will be spent on fluoridating the water, and use it towards the minimization or the end of **sugar consumption**. Wouldn't that be more effective than fluoride?

It would not only take care of the dental health problems but a wide range of other diseases as well. **(and help the entire population)**
I believe that would be a 100% scientifically proven option.

Once we add fluoride to the water .. there is no turning back. Please don't make me drink it!

Barbara Bloomer-MacAuley

9/10/2012

185612

Parsons, Susan

From: Elvira Stenson [mailto:mail@change.org]
Sent: Friday, September 07, 2012 10:21 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Elvira Stenson
PORTLAND, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

185612

From: Barbara Bloomer MacAuley [barbloomer@yahoo.com]
Sent: Friday, September 07, 2012 10:22 AM
To: Johnson, Aaron H.
Cc: Moore-Love, Karla
Subject: NO Fluoride, please give me the right to choose what I put in my body

Dear Commissioner Leonard,

Please DO NOT vote in favor of adding more chemicals to our water. I want to have the right to choose if I ingest fluoride or not.

The **one and only** simple reason for adding fluoride in our water is to help children with their dental health.

But I am not a child. I am an older woman who is very concerned with **bone loss**. Why don't I count?

If you add fluoride to our drinking water then what will I do? Studies are showing that fluoride contributes to bone loss. Do you know what will happen to me if I fall and break a bone? Do you care? Is it because I am older that I no longer count?

I remember a saying that my father always use to say to me when I was a young girl... "Just because everyone else is doing it, doesn't mean you have to"

Just because all the other big cities are doing it, why does Portland have to?

Please keep Portland at the "front" of the issues. Please keep us standing together and keep us ALL healthy not just one part of the population.

Science is saying it is good for you and science is also saying it's bad for you.
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If we could take all the money that will be spent on fluoridating the water, and use it towards the minimization or the end of **sugar consumption**.
Wouldn't that be more effective than fluoride?

It would not only take care of the dental health problems but a wide range of other diseases as well. **(and help the entire population)**
I believe that would be a 100% scientifically proven option.

Once we add fluoride to the water .. there is no turning back. Please don't make me drink it!

Barbara Bloomer-MacAuley

185612

Parsons, Susan

From: Jennifer Murphy [mailto:mail@change.org]
Sent: Friday, September 07, 2012 12:03 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Jennifer Murphy
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: Jennifer Kwok [mailto:change.org]
Sent: Friday, September 07, 2012 12:04 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

NO FLUORIDE IN WATER!!

Jennifer Kwok
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

185612

Parsons, Susan

From: mike hoffman [mhoffman1957@gmail.com]

Sent: Friday, September 07, 2012 6:54 AM

To: Moore-Love, Karla

Subject: Strongly Oppose Water Flouridation

Hi Karla,

I just want to add my voice to say that I strongly oppose any water flouridation in Portland.

This is obviously a back door deal, and reeks of corruption.

The people of Portland have voted this down repeatedly.

Mike Hoffman

Portland

185612

Parsons, Susan

From: mike hoffman [mailto:mike@change.org]
Sent: Friday, September 07, 2012 6:45 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I do not consent to be medicated with a toxic substance.

mike hoffman
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/10/2012

Parsons, Susan

From: Kathleen Courian-Sanchez [arttoad1@gmail.com]
Sent: Friday, September 07, 2012 6:25 AM
To: Moore-Love, Karla
Subject: A travesty

I travelled with my son to city hall to testify about my disapproval of mass fluoridation. What I found was a propaganda meeting, not intended for public discourse, but a "commercial" of pro-fluoride untruths and half-truths. The anti-fluoride people were told to sit in an annex room with t.v. monitors and were not allowed in the city chambers. That was the first blow to our democratic process. Next, the meeting was stacked with pro-fluoride propaganda speakers who were allowed to speak for as long as they chose, at least 20 minutes each.

We were told by your city clerk, that this meeting would be equal speaking and presentation time for BOTH sides of the issue. That Sam Adams would be going back and forth between pro and against speakers. That is most clearly NOT what happened. It was a disturbing and insulting scene. It was clearly an attempt by the city council to prop up their proposal, and fear of letting the other side speak.

While the pro-fluoride lobbyists had as much time to speak as they chose, the opposing side was limited to initially, I believe 3 minutes, then ultimately 1 minute. We have many experts on this topic who were not allowed to share their science, actual science that shows the damage fluoride exposure does. The council was annoyed by our voices and presence, when they should be listening intently and at least give the appearance of a democratic process.

The water fluoridation city council meeting was a complete and utter disgrace. You don't care what the will of the people is (which is actually your only job), you care about promoting propaganda and untruths. If you REALLY cared about the truth, you would have given equal time to both sides. You would be READING the toxicology reports regarding what fluoride does to the body. You would have been consulting with the mayors of other cities that purchase Portland's water. You would be listening to affected subgroups that are sensitive to fluoride, those with thyroid and kidney disease. AND the dental and skeletal damage fluoride does. It is lifelong, severe and the suffering completely unnecessary.

But what you did instead is back room dealings and forcing a position that is CLEARLY against the public's will and will cause damage to the health of nearly a million people.

If you are so sure of your position why are you trying to keep anyone from speaking who doesn't agree with you? Are you afraid that they will hear the truth and question your ill fated plans?

The public knows that this policy is against the public's civil rights. It could be the best idea on the planet, but you still can't force medicate the public and that is a violation of each person's civil rights.

EVERYONE who was there and EVERYONE who was told about what occurred knows the truth about the level of corruption in the city council AND the truth about fluoride.

You should all be ashamed of yourselves.

Sincerely,

Kathleen Courian-Sanchez

Parsons, Susan

185612

From: Sean Simmons [mailto:change.org]
Sent: Friday, September 07, 2012 2:15 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

The citizens of portland have a right to be heard and a right to not be medicated through the public water supply

Sean Simmons
eugene, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Moore-Love, Karla

185612

From: noreply@portlandoregon.gov
Sent: Thursday, September 06, 2012 11:14 PM
To: Moore-Love, Karla
Subject: City of Portland TrackIT Submission: Commissioner Amanda Fritz Item 623916

The following item has been submitted to the TrackIT system

TrackIT Item: 623916

Category: Your comments to City Council
Date Created: 09/06/2012 11:13 PM
Date Received: 09/06/2012
Contact: Eileen Halecki-Corwin
PortlandOnline User
Portland, 97206
tuscanmermaid2@comcast.net
Contact Type: Website
Subject: Other
: No Fluoridation of Portland Water
Attachment: None Uploaded
Summary: Mass medication of Portland drinking water with a highly toxic industrial by-product shows that you all don't have a lick of common sense. What part of toxic don't you get?

185612

Moore-Love, Karla

From: Stefan Durham [mailto:change.org]
Sent: Thursday, September 06, 2012 10:30 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I don't want a chemical that is a toxic industrial by-product added to my drinking water. I don't want to put it in my garden. I don't want to put it in my body. I don't want people buying more bottled water and putting tons more plastic in teh waste stream just because they're trying to avoid drinking what used to be one of the cleanest water suppliesin the nation.

Stefan Durham
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Chris Kabel [chris@nwhf.org]
Sent: Thursday, September 06, 2012 8:44 PM
To: Moore-Love, Karla
Cc: Raquel Bournhonesque
Subject: Fluoridation testimony
Attachments: Kabel City Council Testimony.9.6.12.docx

Dear Ms. Moore-Love,

I had to leave this evening's hearing before my name was called for testimony, so I've attached the testimony I would have read (the 60-second version). I'd appreciate it if this testimony could be added to the record.

Please feel free to contact me with any questions or concerns.

Sincerely,

Chris

Chris Kabel, MPH
Senior Program Officer
Northwest Health Foundation
221 NW Second Avenue, Suite 300
Portland, OR 97209
(971) 230-1291 (direct)
(503) 220-1955 (main)
(503) 220-1335 (fax)
ckabel@nwhf.org
www.nwhf.org

Portland City Council Testimony – Fluoridation
Chris Kabel
September 6, 2012

Good afternoon. My name is Chris Kabel, and I live at 3514 NE 26th Avenue in Portland. I'd like to thank each of you for your support of community water fluoridation both as a public health professional as well as the father of a one-year-old son. The benefits of fluoridation have been established over decades of research and practice, and I'd like my son to grow up in a community that experiences those benefits.

More importantly, I'd like children and families who are suffering the worst oral health disparities to realize these benefits. As you've already heard, Portland and Oregon is experiencing an oral health crisis – and much of this crisis is entirely preventable. This crisis falls disproportionately on low-income families and communities of color. Fluoridation has repeatedly been shown to be the most equitable, effective and efficient method to improve our community's oral health. As a father, I would not be testifying in support of fluoridation unless I knew for a fact that it was safe and effective.

As a senior program officer at the Northwest Health Foundation and board president of the Oregon Public Health Association, I can also attest to the volumes of research that support your decision to implement optimal water fluoridation. Future generations will thank you for your investment in this proven public health intervention. Thank you for your time and for your support of the health of our region.

185612

Moore-Love, Karla

From: ian hannigan [mailto:ian@change.org]
Sent: Thursday, September 06, 2012 8:42 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

ian hannigan
portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

185612

Moore-Love, Karla

From: Charles Wood [mailto:change.org]
Sent: Thursday, September 06, 2012 8:35 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I am undecided and would like the chance to hear both sides.

Charles Wood
Portland , Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

185612

Moore-Love, Karla

From: Kristofer Nyquist [mailto:change.org]
Sent: Thursday, September 06, 2012 8:30 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Kristofer Nyquist
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

185612

Moore-Love, Karla

From: Todd Smith [mailto:change.org]
Sent: Thursday, September 06, 2012 6:58 PM
To: Moore-Love, Karla
Subject: Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
2. Have been told by our health care providers to avoid fluoride, and/or
3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
4. Are health care providers treating people who are medically unable to tolerate fluoride and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.
<http://www.aemonline.org/chemicalsensitivypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”
<http://www.aemonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems

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are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

Todd Smith
Happy Valley, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Sandra Eberwein [mailto:change.org]
Sent: Thursday, September 06, 2012 6:51 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

For one, it is illegal in Germany to put Fluoride in the water. keep the water pure! Visit the dentist regularly and brush your teeth if you want healthy teeth!!!

Sandra Eberwein
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

185612

Moore-Love, Karla

From: CJ Williams [mailto:change.org]
Sent: Thursday, September 06, 2012 6:34 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

WE really don't need it! There isn't any solidified evidence water supplied flouridation is fully beneficial. And here's another reason:

<http://wakeup-world.com/2012/04/16/top-scientist-fluoride-already-shown-to-cause-10000-cancer-deaths/>

to name one of many. No thank you - I want the choice in when I want to use Flouride - not any government! You take care of your body and I'll take care of mine! thank you very much!!!

CJ Williams
Portland, Oregon

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185612

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Heather Waisanen [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 6:25 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

1) Lack of flouridation in water is not the reason people have bad teeth. Drinking too much soda and bad diet contribute. Soda machines should be taken out of our schools before we flouridate the water.

2) No forced medical treatment!

Heather Waisanen
Portland, Oregon

185612

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Megan Mackey [megan.r.mackey@gmail.com]**Sent:** Thursday, September 06, 2012 5:18 PM**To:** Kuhn, Hannah**Cc:** Moore-Love, Karla**Subject:** Please don't force fluoridation on Portland

Dear Commissioner Fish:

Please don't force fluoridation on Portland. Drugging the water supply to address tooth decay in a small subset of the population is not good public policy. Force-feeding the public a controversial drug is never good public policy. Portland has voted this down 3 times. The will of the people needs to be respected. The \$5 million estimated to fluoridate our water could instead be put toward better education with regard to dental hygiene, better nutrition education, and making fluoride tablets more readily available for low income children.

Please speak out again this.

Sincerely,

Megan Mackey
Portland, 97211

9/7/2012

185612

Moore-Love, Karla

From: Megan Mackey [megan.r.mackey@gmail.com]
Sent: Thursday, September 06, 2012 5:10 PM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla
Subject: Please don't force fluoridation on Portland

Dear Mayor Adams:

Please don't force fluoridation on Portland. Drugging the water supply to address tooth decay in a small subset of the population is not good public policy. Force-feeding the public a controversial drug is never good public policy. Portland has voted this down 3 times. The will of the people needs to be respected. The \$5 million estimated to fluoridate our water could instead be put toward better education with regard to dental hygiene, better nutrition education, and making fluoride tablets more readily available for low income children.

Please speak out again this.

Sincerely,

Megan Mackey
Portland, 97211

Moore-Love, Karla

185612

From: Megan Mackey [megan.r.mackey@gmail.com]
Sent: Thursday, September 06, 2012 5:16 PM
To: Commissioner Fritz
Cc: Howard, Patti; Moore-Love, Karla
Subject: Please don't force fluoridation on Portland

Dear Commissioner Fritz:

Please don't force fluoridation on Portland. Drugging the water supply to address tooth decay in a small subset of the population is not good public policy. Force-feeding the public a controversial drug is never good public policy. Portland has voted this down 3 times. The will of the people needs to be respected. The \$5 million estimated to fluoridate our water could instead be put toward better education with regard to dental hygiene, better nutrition education, and making fluoride tablets more readily available for low income children.

Please speak out again this.

Sincerely,

Megan Mackey
Portland, 97211

Moore-Love, Karla

185612

From: Anna Hinkes [mailto:change.org]
Sent: Thursday, September 06, 2012 5:14 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Anna Hinkes
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

Moore-Love, Karla

185612

From: Megan Mackey [megan.r.mackey@gmail.com]
Sent: Thursday, September 06, 2012 5:06 PM
To: contact@charliehales.com
Cc: Moore-Love, Karla
Subject: Please don't force fluoridation on Portland

Dear Mr. Hales,

Please don't force fluoridation on Portland. Drugging the water supply to address tooth decay in a small subset of the population is not good public policy. Force-feeding the public a controversial drug is never good public policy. Portland has voted this down 3 times. The will of the people needs to be respected. The \$5 million estimated to fluoridate our water could instead be put toward better education with regard to dental hygiene, better nutrition education, and making fluoride tablets more readily available for low income children.

Portland is looking for a mayoral candidate who will respect and listen to people. Please speak out again this.

Sincerely,

Megan Mackey
Portland, 97211

9/7/2012

185612

Moore-Love, Karla

From: Debra Rabedeau [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 4:55 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Debra Rabedeau
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

Moore-Love, Karla

185612

From: Richard Marshall [rmarshal@pcc.edu]
Sent: Thursday, September 06, 2012 4:38 PM
To: Adams, Mayor
Cc: Commissioner Fritz; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Moore-Love, Karla
Subject: Fluoride in the water

Dear Mayor and Commissioners,

To be effective in reducing tooth decay , fluoride needs to be topical, i.e., applied to teeth, not systemic, i.e., swallowed.

Fluoride is a poison. Read the directions on a fluoride rinse -- the directions say DO NOT swallow the rinse.

Fluoride in the water supply does not help with tooth decay. Consider this:

Systemic fluoridation does not sufficiently provide better dental health

Hawaii, the least fluoridated state in the U.S. at 8.4 percent of the water systems fluoridated (20) has, according to CDC statistics, the lowest rate of edentulism (tooth loss) in the country, at 16 percent. (21) Kentucky, with public water systems fluoridated at 99.8 percent, has the highest rate of tooth loss at 44 percent. This is contrary to what we would expect

Please do not impose fluoride on every soul who lives or works in our great city,

Thank you very much,
Richard Marshall
Instructor
PCC Cascade

9/7/2012

185612

Moore-Love, Karla

From: Nancy Alexandru [mailto:change.org]
Sent: Thursday, September 06, 2012 4:21 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Nancy Alexandru
Kew Gardens, New York

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

Moore-Love, Karla

185612

From: Heymissshelley [heymissshelley@gmail.com]
Sent: Thursday, September 06, 2012 3:33 PM
To: Moore-Love, Karla; Adams, Mayor; Commissioner Fish; Commissioner Saltzman; Leonard, Randy; Commissioner Fritz
Subject: Fwd: Fluoride

Sent from my iPhone

Begin forwarded message:

From: Heymissshelley <heymissshelley@gmail.com>
Date: September 6, 2012 3:26:21 PM PDT
To: "randy@portlandoregon.gov" <randy@portlandoregon.gov>
Cc: "heymissshelley@gmail.com" <heymissshelley@gmail.com>
Subject: Fluoride

I moved here from Illinois where the water is fluoridated. I am a Dental Hygienist and also lived on Haiti for 4 years . In the Chicago area where I practiced if you saw a child with more than THREE cavities it was considered rampant decay. We were then looking to figure out what was happening with this child ie.. Soda, sports drinks, diet, home care .

I have worked as a hygienist for 10 years in Carlton ,Oregon. We daily see kids with more than NINE cavities . Very common. It is very similar to Haiti a fourth world country as far as decay in our kids teeth . Very sad.

Sincerely
Shelley Collis RDH

Sent from my iPhone

Moore-Love, Karla

185612

From: ahardesty88@comcast.net
Sent: Thursday, September 06, 2012 3:21 PM
To: Moore-Love, Karla
Subject: fluoride with my contact info

Dear Karla,

I should have included my contact information on the email I send earlier. If you haven't already forwarded to the Council, please send this one. Or if you have, it would be good for them to have my contact information.

Many thanks,

Alice Hardesty

Dear Mayor and Commissioners,

As a former City Councilor in Ashland, I thought you would be interested to know that about 5 years ago, during my tenure, Ashland grappled with the issue of fluoridation and rejected the idea overwhelmingly. The vote was 5 to 1 against. We believed that there was insufficient evidence in favor and plenty of evidence against fluoridating our municipal water. Topical application to prevent tooth decay should be more than sufficient, and ingesting fluoride is a bad idea. I speak also as a scientist and health professional with years of experience in public and occupational health.

I would be very disappointed if my adopted city of Portland would fluoridate our drinking water, not only for myself but for the others who would be exposed to an unnecessary hazard.

Thank you for your consideration and please let me know if I can be of further assistance.

Sincerely yours,

Alice S. Hardesty
1106 NE Tillamook St.
Portland, OR 97212
503-206-7770

9/7/2012

185612

Moore-Love, Karla

From: Dan.J.Pihlstrom@kp.org
Sent: Thursday, September 06, 2012 2:21 PM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: In support of community water fluoridation

Dear City Council Members:

My name is Daniel Pihlstrom and I support community water fluoridation. I am a general dentist for Permanente Dental Associates (PDA) and an affiliate faculty member at the Oregon Health & Sciences University School of Dentistry. I live and work in Multnomah County. I lead a group of 16 dentists who practice in Kaiser Permanente dental offices and do evidence based reviews of clinical topics, products and related care deliver issues for the purpose of quality assurance within the dental care program.

Water fluoridation is safe and effective and improves the oral health of the community.

The level of evidence that supports the safety and effectiveness is overwhelming.

Some scientists may disagree on the DEGREE of oral health benefit from fluoridation but the overwhelming weight of the evidence is that there is a significant health benefit - especially for those that do not have access to care.

Anit-fluoridationists sometimes cite examples from other countries where water fluoridation has been stopped - with no apparent detriment to oral health. But they forget to mention nearly all of those examples are in countries where children have universal access to dental care - and (as a result) disease rates are far lower than those in Oregon. We know that there are many ways to improve oral health at the population level - community water fluoridation is perhaps the least costly way, while providing a significant health benefit.

I urge you to support community water fluoridation.

Regards,

Daniel J. Pihlstrom, DDS

Associate Director for Evidence Based Care & Oral Health Research

Permanente Dental Associates

500 NE Multnomah Street

Portland, OR 97232

Phone: 503-813-4991 (49-4991)

Cell: 503-473-6621

Email: dan.j.pihlstrom@kp.org

PDA PERMANENTE
DENTAL ASSOCIATES

NOTICE TO RECIPIENT: If you are not the intended recipient of this e-mail, you are prohibited from sharing, copying, or otherwise using or disclosing its contents. If you have received this e-mail in error, please notify the sender immediately by reply e-mail and permanently delete this e-mail and any attachments without reading, forwarding or saving them. Thank you.

9/7/2012

810281

185612

Moore-Love, Karla

From: Weallneedbees [weallneedbees@gmail.com]
Sent: Thursday, September 06, 2012 2:17 PM
To: Weallneedbees; todd@peoples.coop; Commissioner Fritz; Adams, Mayor; Moore-Love, Karla
Cc: Weallneedbees; haracruz@gmail.com; bliss@peoples.coop; Commissioner Saltzman
Subject: Poisoned tap water/ very thoroughly documented
 (bibliography with quotes and excerpts below this letter)

In 2001, the union of scientists at the Environmental Protection Agency's Headquarters Office in Washington D.C. stated: "we hold that water fluoridation is an **unreasonable risk.**"

Dear Friends,

This next week, the city council will vote YES to "fluoridate" our drinking water. There are serious facts about this issue you should know, and pass along.

This is not calcium fluoride, the naturally occurring mineral, which will be added to our drinking water. This is hexafluorosilicic acid, a byproduct from phosphate mining. [1]

This chemical is not purified before being put into containers and shipped around the US to be put into drinking water. [2] Shockingly, this chemical added to DRINKING (tap) water is not regulated by the FDA. [3] It is considered a substantially confirmed neurotoxin by the EPA, [4] and loose in the environment, would be regulated as an industrial toxic pollutant. [5] The National Sanitation Foundation found 43% of the samples of this chemical contained arsenic. Lead and mercury were also found. [5] There are no known safe levels for ingesting mercury, arsenic and lead. [6]

The American Dental Association will tell you fluoride should not be given to newborn infants. [7] Yet when parents prepare infant formula with fluoridated water, they will be ingesting more fluoride than is safe for babies. [8] Poorest parents who can not buy non-fluoridated water and their babies would be most affected. [8.5]

My dental hygienist recently told me that fluoride affects developing teeth, and that it has little benefit for adults. [9]. Yet all adults will be ingesting this chemical daily; and although the rate of this chemical in our water will be in parts per million, the cumulative effects of fluoride are of concern, as this chemical does aggregate in the body over time. [10] It is widely agreed that OVEREXPOSURE to fluoride is toxic. [11]

This product has been linked to cancer, skeletal disorders, kidney damage, liver damage, and thyroid and endocrine suppression in adults. [13] [16] "Fluoridated" water has been found in a 2006 Harvard study to be associated with the most common bone cancer found in children. [13] This chemical has been identified as lowering IQs, and associated with arthritis in recent studies. [14]. This chemical is commonly used in pesticides, and fluorine compounds in drugs are used to slow metabolism in the body. [12] [14.5]

Your toothpaste tube tells you to use as little as possible of the fluoridated product, and then to spit it out. If you ingest the paste you are advised to call poison control. [15] Fluoride indeed in small doses may harden teeth. [16] But in overdoses it is

185612

considered a poison. [17]

Children in all Portland Public Schools are administered fluoride in tablets or rinses on an opt-in daily basis. This program is free, sponsored by the county and is optional. [18] The county health official leading this program said that if we "fluoridate" our water, this program would be unnecessary and would end. [19]

If our water is "fluoridated" every citizen, babies to grandparents, will be drinking this chemical every single day. We are already ingesting fluoride in foods and beverages created with fluoridated water. [19.5] This omnipresent exposure can lead to higher than prescribed fluoride levels in our bodies. [19.6]

Fifteen countries, including France, Germany, Netherlands, Japan and China forbid fluoridation of their water for health and ethical reasons. [20] But Portland is the only major US metropolis without fluoridated water. [19]

Very slick lobbyists have been hired by the producers of this chemical to market this to our city commissioners. [19]. Voters have repeatedly rejected this product, but Adams, Leonard and Fish have already pledged to vote it into our water. [19]. It will cost five million dollars PER YEAR. [19] To dump an industrial pollutant into our drinking water!

There is a great deal of money to be made and that is why we are being sold this snake oil. [24.5] Our state is one of the hungriest in the nation. [25] Children are being fed diets low in the minerals and vitamins they need for strong teeth and bones. [25.5] Fewer and fewer have access to regular dental care. [26] In addition, in the rainy NW children often do not get enough sun exposure for proper Vitamin D production, an important factor in building strong bones. [26.5]

We can do more to teach our children how to eat healthily and take care of their teeth. We could use this five million to help feed children properly, and give them vouchers for dental care. In addition, they would continue to receive free fluoride already offered at school if their parents choose to sign them up.

Do nothing, and soon you and your family will be drinking hexafluorosilicic acid and any accompanying contaminants [2] in every drop of water. You will also be bathing in it. The ion of this acid is so tiny it can't be filtered in our sanitation systems. [27] So the 99% of the water we don't drink will be flushed into our rivers and streams. We will also be "fluoridating" our ecosystem.

Or, you can show up at city hall Thursday, Sept. 6, from 2-7 and protest. Or call your commissioners, and email them a copy of this letter. And be on the lookout for a ballot initiative to stop this, and sign it. And vote. Jefferson Smith is a much more environmentally friendly candidate, for example, speaking strongly against coal shipments through Oregon. [28]

Here are the contacts, and below is my INTERESTING and thorough documentation. Please act on this crucial issue.

To your health,

Jen Davis

Founder, We All Need Bees Coalition

Bee-keeper and urban farmer

Most important to contact:

City Clerk at:

Karla.Moore-Love@portlandoregon.gov

And assistant city clerk at:

Susan.parsons@portlandoregon.gov

510281

185612

(the clerks will file your comments as public record)

Sam Adams :

Mayorsam@portlandoregon.gov

(503)823-4120

Nick@portlandoregon.gov

(503)823-3589

Dan Saltzman:

Dan@portlandoregon.gov

(503)823-4151

Amanda Fritz

Amanda@portlandoregon.gov

(503)823-3008

[1] Hexafluorosilicic acid is also commonly used for water fluoridation in several countries including the United States, Great Britain, and Ireland. In the U.S., about 40,000 tons of fluorosilic acid is recovered from phosphoric acid plants, and then used primarily in water fluoridation, sometimes after being processed into sodium silicofluoride....^[3]

Hexafluorosilicic acid releases hydrogen fluoride when evaporated, so it has similar risks. It is corrosive and may cause fluoride poisoning; inhalation of the vapors may cause lung edema.

Like hydrogen fluoride, it attacks glass and stoneware.^[7] LD50 value of hexafluorosilicic acid is 70 mg/kg (example LD50 for caffeine is 127 mg/kg).

http://en.wikipedia.org/wiki/Hexafluorosilicic_acid

[2] <http://www.nearsightedness.org/doctors/doctors13.htm>

fluorosilicic acid (FSA) and sodium fluorosilicate (SFS) are derived from pollution scrubbing operations from phosphoric acid production. The pollution scrubber liquor is a unique product derived from a specific process with unique toxicological characteristics. The presence of chlorides, amines, diesel fuel, kerosene, sulfides, reagents, metals (including arsenic, lead, aluminum, uranium-238 and its decay rate products, etc.), phosphorus and other toxic reactants create a specific product in which FSA is the active ingredient. FSA only comprises about 23% of the total pollution concentrate. It is a highly corrosive acid which can react with most organic and inorganic substances to form many different complexes and possibly very toxic fluorides. I state again, not one safety study has been done with these particular products.

There are many factors involved in the creation of the FSA. Once an insight is gained about how the phosphoric acid is made, the FSA becomes even more frightening. Other chemicals are added such as oil based defoamers (possibly containing dioxins), polymers, petroleum products, naphthalene, chlorides, sulfides, Synspar and various reagents. During the phosphoric acid concentration processes, these added chemicals and inherent toxic contaminants common in phosphate rock are boiled off the acid in a partial vacuum at very high temperatures, about 500 degrees F. The vapors from all these chemicals are washed and captured in the pollution scrubbers along with the fluorine and fluorosilicate gases.

Although it is more convenient for scientists to believe the pollution scrubbing is discriminate, it is not. One scrubber catches all, including pollution from tank farms and other processes. Also, the more efficient the scrubbing operation, the more contaminants will be concentrated in the scrubber liquor.

Phosphoric acid reaction vessels are made of the alloy, Hastelloy G-30. The Hastelloy G-30 vessels only last for about three years before they are tossed or rebuilt. Each vessel costs about \$1,000,000. The vessels are corroded beyond use by the presence of fluorides and chlorides in the phosphoric acid. The metals from Hastelloy G-30 (nickel, beryllium, etc.) are also present in the FSA as metal complexed fluorosilicates.

Sulfuric acid is produced at these facilities, and the spent vanadium pentoxide catalyst, production sludge and waste water are dumped into the evaporation (settling) ponds. Evaporation ponds are the catch-all for almost all toxic wastes. Radioactive scale from reaction vessels and filters, phosphoric acid sludges, radioactive fluorosilicates chipped from scrubbing pads and chambers, and general toxic wastes are tossed into the mix.

[3] "The FDA oversees fluoride levels in bottled water and beverages... No federal agency exists to regulate drinking water additives." <http://toxipedia.org/display/toxipedia/Fluoride>

No federal agency exists to control drinking water additives. Instead, the National Sanitation Foundation certifies chemicals that add less than 10% of the MCL of any drinking water substance under EPA regulation as an acceptable water additive. State and local authorities enforce either NSF-certification or their own certification standards to all drinking water additives (Urbansky, 2002). ((The National Sanitation Foundation is a private industry controlled organization)) -see [5]

[4] EPA has listed it as a neurotoxin (<http://www.epa.gov/ncct/toxcast/files/summit/48P%20Mundy%20TDAS.pdf>)

[5] <http://www.fairbanksalaska.us/wp-content/uploads/2011/07/20100316Osmunson-Letter-National-Sanitation-Foundation.pdf>

[6] http://dgc.stanford.edu/SCOPE/SCOPE_31/SCOPE_31_2.01_Chapter6_53-68.pdf

[7] "Fluoride should not be administered to infants during the first 6 months after birth, whether they are breast- or formula-fed." from The American Academy of Pediatrics has released an interim policy statement on fluoride supplementation: "Fluoride Supplementation for Children: Interim Policy Recommendations".

[8] "Approximately 80% of an absorbed dose of fluoride is retained in young children compared to 50% in adults. This is supported by the finding that renal fluoride excretion rate is lower in children than adults. This difference in fluoride retention is due to high fluoride uptake in developing bones." SOURCE: Agency for Toxic Substances & Disease Registry (ATSDR) (2003). Toxicological profile for fluorides, hydrogen fluoride, and fluorine. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service

And: The fluoride content of infant formulae made with fluoridated tap water ranges from about 0.7 to 1.4 ppm. (McKnight-Hanes, et al, 1988 and Silva and Reynolds, 1996. These levels are 100-fold higher than the levels found naturally in breast milk (Foman and Ekstrand, 1999). A daily dose exceeding 0.05 mg/kg/d can result Dental Fluorosis (Whitford, 1990). Based on average fluid intakes and body weights, many infants exceed intakes of 0.15 mg fluoride/kg/day (Erdal and Buchanon, 2005). The long-term medical consequences of this level of fluoride intake have never been studied. <http://toxipedia.org/display/toxipedia/Recognition+and+Management+of+Fluoride+Toxicity>

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[8.5] Several possible options are available for the removal of fluoride from water including cartridges with an activated alumina adsorbent, reverse osmosis, and distillation. Of the three, distillation is the best micro-scale method of fluoride removal based on affordability (Kauffman, 2005). For some tips on how to reduce your daily fluoride intake, visit 10 Steps to Cutting Back on Fluoride

[9] I am 47 and my children and I have no cavities. We brush and floss regularly, eat healthily and spend significant time in the sun.

[10] Fluoride ions convert to hydrofluoric acid in the gut. Around 50% of the fluoride is excreted in urine while a minute is excreted through saliva and sweat.

Fluoride accumulates in people most often if they have impaired kidney function. The ions settle in the bones and teeth (Limeback and Gingrich, 2007). <http://toxipedia.org/display/toxipedia/Fluoride>

[11] <http://toxipedia.org/display/toxipedia/Recognition+and+Management+of+Fluoride+Toxicity>

[12] Although fluoride naturally exists as calcium fluoride (CaF_2), other fluoride complexes derived from man-made resources increase environmental fluoride levels and our own exposure to fluoride. Fluoride is used often in Pesticides, dentistry, and is added to municipal water supplies to prevent cavities in the community. <http://toxipedia.org/display/toxipedia/Fluoride>

[13] On March 22, 2006, the prestigious National Research Council of the National Academies of Science released a 450-page review of fluoride toxicity. The report, which was three years in the making, concluded that the safe drinking water standard for fluoride (4 ppm) causes significant damage to teeth, and places consumers at elevated risk for bone damage, including bone fracture and joint pain. Because of this, the NRC recommended that the fluoride safety standard be reduced. In addition to its concerns about tooth and bone damage, the NRC identified a range of other health effects that may be associated with fluoride exposure, including damage to the brain, disruption of the endocrine system (thyroid gland, pineal gland, and glucose metabolism), and bone cancer.

[14] Over 40 human studies linking moderately high fluoride exposures with reduced intelligence and/or neurobehavioral deficits; Over 40 animal studies showing that prolonged exposure to varying levels of fluoride can damage the brain, particularly when coupled with an iodine deficiency, or aluminum excess; 15 animal studies reporting that mice or rats ingesting fluoride have an impaired capacity for learning and memory; 4 human studies linking fluoride exposure with impaired fetal brain development.

Based on this accumulating body of research, several prestigious reviews — including a report authored by the U.S. National Research Council and a meta-analysis published by a team of Harvard scientists — have raised red flags about the potential for low levels of fluoride to harm brain development in some members of the population. As noted by Dr. Philippe Grandjean, an environmental health scientist at the Harvard School of Public Health:

“Fluoride seems to fit in with lead, mercury, and other poisons that cause chemical brain drain. The effect of each toxicant may seem small, but the combined damage on a population scale can be serious, especially because the brain power of the next generation is crucial to all of us.”

[14] arthritis concerns: <http://www.fluoridealert.org/issues/health/arthritis/>

[14.5] Fluorine-containing chemical groups incorporated into drugs serve the purpose of slowing drug metabolism in the body (Kauffman, 2005).

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[15] As currently packaged, many dental products contain sufficient fluoride to exceed the PTD for young children. There is a need for additional research into the sources, effects, and fate of strongly bound or organic fluoride compounds. Attention is drawn to the fact that, while the metabolic characteristics and effects of fluoride in young and middle-aged adults have received considerable research attention, there is a paucity of such information for young children and the elderly. The increasing prevalence of dental fluorosis is addressed. <http://www.ncbi.nlm.nih.gov/pubmed/2179312>

Fluoride is a highly toxic substance. Consider, for example, the poison warning that the FDA now requires on all fluoride toothpastes sold in the U.S. or the tens of millions of people throughout China and India who now suffer serious crippling bone diseases from drinking water with elevated levels of fluoride. <http://www.fluoridealert.org/issues/health/>

[16] The health effects of fluoride is contentious. It has generally been thought that small levels of Fluoride (0.7 - 1.2 ppm in drinking water for example) increase bone density and increase calcium fluorapatite in teeth which is generally thought to lead to fewer cavities. Fluoride regulation in drinking water supplies at the .7 - 1.2 ppm level is recommended still by the American Dental Association and the World Health Organization. But, many are beginning to believe that chronic fluoride exposure can lead to liver damage, kidney damage, and Dental Fluorosis among other things. Amidst these negative findings, the American Academy of Allergy and Immunology, the American Academy of Diabetes, the American Cancer Society, the American Diabetes Association, the American Nurses Association, the American Psychiatric Association, the National Kidney Foundation, and the Society of Toxicology have discounted fluoride as a beneficial additive and no longer support its use (Kauffman, 2005). Additionally there is an ethical argument surrounding city officials adding fluoride to drinking water supplies. <http://toxipedia.org/display/toxipedia/Fluoride>

[18] **School fluoride program:** Mouth rinse and tablet program available to all schools in Multnomah County. <http://web.multco.us/health/school-and-community-oral-health>

[19] 8/31/2012 interview on Political Perspectives with Dr. Gary Oxman, Multnomah County Health Officer and Kimberly Kaminski with Citizens for Safe Water on KBOO radio

[19.5] **Processed Beverages & Foods:** Even if you don't live in a community that adds fluoride to its water supply, you will still be exposed to fluoridated drinking water. This is because once fluoride is added en masse to water it winds in almost all processed beverages and foods. In the U.S., studies have shown that sodas, juices, sports drinks, beers, and many other processed foods, including infant foods, now have elevated fluoride levels. **Pesticides:** Due its toxicity, fluoride is used in some pesticides to kill insects and other pests. As a result of fluoride pesticide use, some food products—particularly grape products, dried fruit, dried beans, cocoa powder, and walnuts—have high levels of fluoride. <http://www.fluoridealert.org/issues/sources/>

[19.6] **"The margin between the toxic and therapeutic dose is very narrow:** The NRC concluded that the allegedly "safe" upper limit of fluoride in water (4 mg/l) is toxic to human health. While the NRC did not determine the safe level, their conclusion means that the safe level is less than 4 times the level added to water (0.7-1.2 mg/l) in community fluoridation programs. This is far too slim a margin to protect vulnerable members of the population, including those who consume high amounts of water." <http://www.fluoridealert.org/issues/health/>

[20] http://www.nofluoride.com/Countries_Opposing.cfm

[21] From UNICEF Report on Fluoride, 1999:

<http://www.unicef.org/wash/files/wf13e.pdf>

Fluoride inhibits enzymes that breed acid-producing oral bacteria whose acid eats away tooth enamel. This observation is valid, but some scientists now believe that the harmful impact of fluoride on other useful enzymes far outweighs the beneficial effect on caries prevention.

Fluoride ions bind with calcium ions, strengthening tooth enamel as it forms in children. Many researchers now consider this more of an assumption than fact, because of conflicting evidence from studies in India and several other countries over the past 10 to 15 years. Nevertheless, agreement is universal that excessive fluoride intake leads to loss of calcium from the tooth matrix, aggravating cavity formation throughout life rather than remedying it, and so causing dental fluorosis. Severe, chronic and cumulative overexposure can

cause the incurable crippling of skeletal fluorosis.

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[17] "Fluoride is one of the most highly toxic substances present in our environment today."

<http://toxipedia.org/display/toxipedia/Fluoride>

[24.5] While small-scale water treatment utilities use NaF, larger ones operate with high quantities of fluorosilicates, whose lowered costs make up for its greater handling expenses (Urbansky, 2002). The demand for fluoride additives benefits companies that can market their waste products as fluoridating agents to water utilities. Industries such as USSteel, DuPPont, Alcoa, Allied Chemical, and the Florida phosphate fertilizer industry all profit from selling fluoride byproducts they have generated (Kauffman, 2005).

[25] <http://www.opb.org/news/article/oregons-hunger-rate-top-five-nation/>

[25.5] "75% of Oregon students don't eat the recommended number of servings of fruits and vegetables each day. One fifth of Oregon high school students consumed 3 or more glasses of milk per day. Low calcium intake during the teen years limits the development of peak bone mass, resulting in increased risk for bone fractures later in life. Adolescent girls in particular are at risk for not achieving peak bone mass. There is a strong association between soda consumption and fractures and a protective effect of increased dietary calcium. (1) Fruits and vegetables are an excellent source of antioxidants as well as vitamins and minerals. They can exert a strong protective effect from cancer and can control hypertension without the use of medication. Evidence indicates that low intakes are associated with other chronic diseases. (1) http://www.osba.org/~media/Files/Resources/Improving%20Education/Healthy_kids_nutrition_facts.pdf

[26] According to a new report from the Pew Center on the States, more than 800,000 visits to the ER in 2009 were for toothaches and other avoidable dental ailments.

[26.5] "Most people are familiar with vitamin D's role in preventing rickets in children and in helping the body absorb calcium from the diet...People living at northern latitudes or who have limited sunlight exposure because of their working environment or cultural dress rules may have low vitamin D levels. "

<http://uhs.berkeley.edu/home/healthtopics/pdf/Vitamin%20D%20Deficiency.pdf>

[27] "Fluorides can be taken up by aquatic organisms directly from the water or to a lesser extent via food. Fluorides tend to accumulate in the exoskeleton or bone tissue of aquatic animals. Mean fluoride concentrations of >2000 mg/kg have been measured in the exoskeleton of krill; mean bone fluoride concentrations in aquatic mammals, such as seals and whales, ranged from 135 to 18 600 mg/kg dry weight... Fluoride accumulates in the bone tissue of terrestrial vertebrates, depending on factors such as diet and the proximity of fluoride emission sources. For example, mean fluoride concentrations of 7000–8000 mg/kg have been measured in the bones of small mammals in the vicinity of an aluminium smelter." <http://www.greenfacts.org/en/fluoride/fluorides-3/02-environment.htm#2p0>

[edit]

[edit]

Sent from my iPad

185612

Moore-Love, Karla

From: Amy L. Benson [bensona@odscompanies.com]
Sent: Thursday, September 06, 2012 1:40 PM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: In Support of Water Fluoridation

Thank you All for having this meeting, the Mayor's letter that addresses Water Fluoridation is so well done, thank you for that!

I live and practice dental hygiene in Baker City one day a week and the dentist there takes 3-6 cases every month to the La Grande Operating Room to fix their teeth, mainly the cases are children. Which as the Mayor mentioned is an area we could be saving tax dollars in a big way by water fluoridation. So by 2 years of age they have severe decay in all or nearly all of their 20 teeth that have been in their mouth for less than 2 years. There are multi-faceted reasons for this severe disease however much of it is dependent on parents/guardians not having the knowledge to care for teeth, or knowledge or finances to eat a healthier diet that does not contribute to decay, and some kids parents don't get to the dentist even if they have taken the time to get them signed up for coverage through state assisted programs, many kids when I ask say they don't have a tooth brush or floss at home, so having water fluoridated which is readily available takes out a lot of the things mentioned above that contribute to cavities. It helps babies teeth in utero be more resistant to cavities if mom is drinking the water, helps kids and helps adults especially elderly who have root exposure on their teeth that is very easily susceptible to decay, and the elderly is an increasing population.

I hope PDX can set the trend of water fluoridation so it encourages this to follow suit across the state.

I also volunteer on the Dental Foundations' Tooth Taxi, which provides free dental care at schools across the state, they are spending 2 weeks in Baker and Haines due to the need, and we are seeing an increase in need for the Tooth Taxi to make repeat visits and come to very remote areas in addition to Portland Metro area. It is increasingly harder for the Dental Foundation to raise the money to keep one of the main things they do that is the Tooth Taxi staffed with a dentist and staff to treat kids, and water fluoridation would definitely eventually slow this need down.

Thanks for your efforts in this and in taking time to read just some very limited reasons (I could share many experiences) why support for water fluoridation could have a great impact on the improved oral health and thus overall health for all Oregonians.

Thank you and keep smiling,
 Amy

Amy L. Benson, RDH
 Dental Health Coach
 ODS
 503-948-5548
 877-277-7281 x2724

www.odscompanies.com

For conversations on healthy living check out www.myappleaday.com/!

This message is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If you are not the intended addressee, nor authorized to receive for the intended addressee, you are hereby notified that you may not use, copy, disclose or distribute to anyone the message or any information contained in the message. If you have received this message in error, please immediately advise the sender by reply email and delete the message.

9/7/2012

185612

Moore-Love, Karla

From: Alexis Jones [mailto:change.org]
Sent: Thursday, September 06, 2012 1:20 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Alexis Jones
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Castle Danz [mailto:change.org]
Sent: Thursday, September 06, 2012 12:25 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Castle Danz
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Moore-Love, Karla

From: John Carr [john@carrcopy.com]
Sent: Thursday, September 06, 2012 12:11 PM
To: Moore-Love, Karla
Cc: Grumm, Matt; Finn, Brendan; Gonzalez, Cevero; Johnson, Aaron H.; Kuhn, Hannah; Howard, Patti; contact@charliehales.com; henry@jeffersonsmith.com
Subject: No To Fluoridation

Dear Commissioners, Staff, and Mayoral Candidates:

I urge you to oppose any efforts to add fluoride to the city's drinking water. There are better, more targeted, and potentially more cost-effective ways to achieve the goal of dental health equity -- including access to dental care and sealants, education, targeted fluoride tablets, etc. These I can and would support.

But blanket fluoridation of the water supply (while certainly "equitable") has not improved outcomes in other cities. And it touches a nerve with me as a parent who chooses not to give ingestible fluoride to my children.

As the son of a dentist, I know the importance of trace minerals (not just fluoride) to healthy teeth. I also know there are many other factors that have a far, far greater impact on dental health. Don't waste taxpayer/ratepayer money on this chimera.

Sincerely,
John Carr

2918 SE 67th Ave.
Portland 97206

185612

Moore-Love, Karla

From: Darcie Rivera [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 12:11 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Darcie Rivera
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Keith Rabedeau [mailto:change.org]
Sent: Thursday, September 06, 2012 12:00 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I believe that we need to keep America and it's water as pure as possible. My Grandchildren live in Portland & they will inherit what this generation does to thje Earth.

Keith Rabedeau
Phoenix, Arizona

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Justin Neale [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 11:45 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Justin Neale
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Justin Miller [mailto:change.org]
Sent: Thursday, September 06, 2012 11:43 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Want to actually vote on it.

Justin Miller
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Amy Lam [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 11:42 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

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Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Amy Lam
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Shelley Siebert [mailto:change.org]
Sent: Thursday, September 06, 2012 11:37 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Shelley Siebert
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/7/2012

Moore-Love, Karla

185612

From: Nathaniel Powning [mailto:change.org]
Sent: Thursday, September 06, 2012 11:27 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

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We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

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We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I do not wish to ingest fluoride on a daily basis and will be forced to purchase bottled water if this is implemented.

Nathaniel Powning
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Moore-Love, Karla

185612

From: fsunseri@comcast.net
Sent: Thursday, September 06, 2012 11:23 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Water Fluoridation
Attachments: fluoridation letter.doc

Attached is my testimony in favor of water fluoridation. Thank you.

Frances Sunseri DMD
503-253-1344

My name is Frances Sunseri, I am a general dentist in Portland. I have been in the dental field since 1977 when I graduated from Mount Hood Community College in dental hygiene. Through the years I have seen the amount of decay, especially in children, explode. Just last week I saw a new patient, 3 years old, with rampant caries. I believe children are not getting the fluoride necessary to make their teeth resistant to decay. There are many families who cannot afford to take their children to the dentist for regular care. My daughter is lucky, I ensured that she took her fluoride drops, then, tablets since she was an infant.

For years I volunteered for the Sealant program and was amazed at how much decay was prevalent, especially in the poorer areas such as Rockwood area in Portland. I also volunteer at the Creston children's clinic. These programs are great, but so much decay could be prevented if only the water were optimally fluoridated. Water fluoridation helps everybody. I have several patients who have moved from areas where the water is fluoridated, I can always tell who grew up in Portland, those people have several restorations, root canals and crowns. Usually after several years of drinking Portland water, these people develop caries for the first time in their lives and are very surprised.

Another population to benefit would be the elderly. I see so many elderly patients who are on multiple medications which dry their mouths, starting the decay process again. Many of these people have problems keeping their mouths clean due to poor dexterity. I am sure to prescribe special toothpastes and apply fluoride on these patients, but it would be so much better if they could get the benefits that over 60% of the rest of the population in the United States receive.

Please fluoridate Portland's water, it is safe, effective and the right thing to do.

185612

Eriks Zarins
7303 SE Mill St.
Portland, OR 97215-3544
eriks.zarins@yahoo.com

September 6, 2012

Amanda Fritz, Commissioner
City of Portland
1221 SW Fourth Avenue, Suite 220
Portland, OR 97204

Commissioner Fritz,

Sent along with this letter is an opinion piece that I submitted to The Oregonian regarding fluoridating Portland's water. If you have any questions and/or comments, please reach me by email. Thank you for your consideration.

Sincerely,

Eriks Zarins

185612

Fluoride Decision Too Quick (suggested title)

Eriks Zarins
7303 SE Mill St.
Portland, Oregon 97215-3544
eriks.zarins@yahoo.com

September 5, 2012

American philosopher John Dewey believed the key to solving societal problems was the "scientific approach." Aspects include being critical and objective, and drawing conclusions based on the whole of the evidence instead of selectively choosing only the evidence which will support a conclusion already made.

The present debate about whether or not to add fluoride to Portland's water supply could benefit from Dewey's suggestion. This not only applies to the various claims being made about the adding of fluoride, but also to the process of determining that policy.

My personal background is in this second area. I have been involved in numerous local civic matters over the years, and have studied theories of democracy. It seems to me that many supporters of adding fluoride feel a lengthy debate is rather unnecessary; the evidence too overwhelming. I disagree. I have seen "experts" miss things and make mistakes. So, I believe more time and effort on this is in everyone's best interest.

I have a few ideas that I think can help. First, the decision to add fluoride to Portland's water should be made by the next city council and not the current one. Not only would this allow more time for debate, it would also give voters an opportunity quiz the candidates vying for the two open city council positions before the November vote.

Second, more time and effort needs to be spent on the issue of freedom of choice. This is important.

Third, to solve the problem of high rates of tooth decay, other approaches should be pushed first. I have not seen a dentist in about a decade, and yet my teeth are in fairly good shape. Why? Probably in because I brush my teeth with fluoridated toothpaste usually at least five times a day, plus I floss. Why don't we start a high-profile campaign to promote these practices, especially to children? Such an effort could include a cartoon superhero wielding with a large toothbrush with paste and a slogan like "After sweets, save your teeth!"

As a society, we need to change our mindset with regard to assertive dental health practices. Earlier this year, after eating my lunch at a local mall's food court, I went to the mall's nearby men's room to brush my teeth. As I brushed, a voice to my right said: "Sir, you can't brush your teeth here." I turned to the young security guard who had said those words and I stated "Really?" He explained that people could use the toilet facilities and wash their hands, but nothing else. We need to get shopping malls and other institutions to encourage teeth brushing, not discourage it.

'Other cities are doing it, so that means we should do it too' is not a good enough reason for us to start fluoridating our water. We are Portland. Let others follow our lead after we come up with an effective, freedom-of-choice-respecting solution to our high rates of tooth decay.

185612

Eriks Zarins
7303 SE Mill St.
Portland, OR 97215-3544
eriks.zarins@yahoo.com

September 6, 2012

Randy Leonard, Commissioner
City of Portland
1221 SW 4th Ave
Portland, Oregon 97204
rleonard@ci.portland.or.us

Commissioner Leonard,

Sent along with this letter is an opinion piece that I submitted to The Oregonian regarding fluoridating Portland's water. If you have any questions and/or comments, please reach me by email. Thank you for your consideration.

Sincerely,

Eriks Zarins

Fluoride Decision Too Quick (suggested title)

Eriks Zarins
7303 SE Mill St.
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eriks.zarins@yahoo.com

September 5, 2012

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185612

Eriks Zarins
7303 SE Mill St.
Portland, OR 97215-3544
eriks.zarins@yahoo.com

September 6, 2012

Sam Adams, Mayor
City of Portland
1221 SW 4th Ave, Room 340
Portland, Oregon 97204

Mayor Adams,

Sent along with this letter is an opinion piece that I submitted to The Oregonian regarding fluoridating Portland's water. If you have any questions and/or comments, please reach me by email. Thank you for your consideration.

Sincerely,

Eriks Zarins

Fluoride Decision Too Quick (suggested title)

Eriks Zarins

7303 SE Mill St.

Portland, Oregon 97215-3544

eriks.zarins@yahoo.com

September 5, 2012

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Eriks Zarins
7303 SE Mill St.
Portland, OR 97215-3544
eriks.zarins@yahoo.com

September 6, 2012

Nick Fish, Commissioner
City of Portland
1221 S.W. Fourth Avenue, Room 240
Portland, OR 97204

Commissioner Fish,

Sent along with this letter is an opinion piece that I submitted to The Oregonian regarding fluoridating Portland's water. If you have any questions and/or comments, please reach me by email. Thank you for your consideration.

Sincerely,

Eriks Zarins

Fluoride Decision Too Quick (suggested title)

185612

Eriks Zarins
7303 SE Mill St.
Portland, Oregon 97215-3544
eriks.zarins@yahoo.com

September 5, 2012

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185612

Eriks Zarins
7303 SE Mill St.
Portland, OR 97215-3544
eriks.zarins@yahoo.com

September 6, 2012

Dan Saltzman, Commissioner
City of Portland
1221 SW 4th Ave., Room 230
Portland, Oregon 97204

Commissioner Saltzman,

Sent along with this letter is an opinion piece that I submitted to The Oregonian regarding fluoridating Portland's water. If you have any questions and/or comments, please reach me by email. Thank you for your consideration.

Sincerely,

Eriks Zarins

Fluoride Decision Too Quick (suggested title)

Eriks Zarins
7303 SE Mill St.
Portland, Oregon 97215-3544
eriks.zarins@yahoo.com

September 5, 2012

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210881

185612

Moore-Love, Karla

From: Stephanie Puhl [puhls1@gmail.com]
Sent: Thursday, September 06, 2012 11:09 AM
To: Gonzalez, Cevero; Moore-Love, Karla; Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Commissioner Fritz; Howard, Patti; contact@charliehales.com; henry@jeffersonsmith.com
Subject: Today's Fluoridation Vote - Please vote no

Hello Elected Officials, Candidates for office and staff members,

My name is Stephanie Puhl. I was born and raised in Tualatin, Oregon, I am a college graduate dedicating most of my time to the preservation of water resources and I currently reside in NE Portland. I oppose the fluoridation of our municipal water supply. Please to not pollute my water.

I am highly passionate about our waterways, access to clean drinkable and playable water as well as social justice, and I believe these issues are all wrapped up in each other. I have worked very hard to protect our freshwater resources and intend to continue learning about and being a voice for the most precious and imperiled resource our planet has. I do not deny, I have far more to learn than I already know and this subject is no exception. However, I do know that without water, life would cease to exist on earth. Unbeknownst to most, a very small percentage of the water available is suitable for consumption. Fluoridating water, I believe, further threatens water at time when the world has already put this limited, invaluable, and life-sustaining freshwater resource at great risk. As water is increasingly at risk, so too are the human rights of underprivileged populations like the folks that the fluoridation action proposes to serve.

I have volunteered with Tualatin Riverkeepers (TRK) since 2004 and am currently the Vice President of the Board of Directors. Additionally, I have been active in multiple committees to support the work of TRK over the last three years and my current committee has deemed me Team Leader in the effort to incorporate diversity, equity and inclusion into all of TRK's programmatic work. This means, I am highly interested and invested in promoting equal access to resources including water and health to all people. I believe health of our natural world including our waterways, our children and our communities are linked in complex and intricate ways. On average, I spend 10-25 hours of my 'free time' per month in that effort, this is and always has been an unpaid effort. I am passionate about equal access to health for all people, for all creatures and for all of the earths remaining species and ecosystems.

My more than full time, non- profit, paid position has me restoring freshwater habitats and ecosystems for Endangered Species Act listed fish throughout the state of Oregon as Habitat Restoration Coordinator for The Freshwater Trust. I am not kidding when I state, I am very interested and highly invested in protecting and preserving healthy freshwater resources for future generations. I believe, adding fluoride to the municipal water supply would only increase the grade of my already uphill battle.

I do not believe, based on the literature I have searched for and read, that there is justifiable reasoning sufficient to put fluoridating our water supply in Portland on the fast track. I am well educated and am not a conspiracy theorist. However, in my quest to better understand this situation, I do not feel that my questions are being answered by the conversation that is taking place around this issue and the conversation that seemingly justifies the overwhelming pro-fluoride stance that may very well lead to adding a drug to the vital drinking, gardening, food preparing and shower taking water of this community. I have seen compelling arguments that would lead me to believe adding the non-FDA approved, non-pharmaceutical grade fluoride to

9/6/2012

185612

our water is the wrong approach to the dental crisis considering scientifically documented potential adverse effects.

The root of the problem, as far as I can tell, is in no way being addressed by the act of municipal water fluoridation. I believe the sustainable and therefore most cost-effective solution to a problem lies in the root cause of that problem. Socioeconomic status, diet, access to education in self-care as well as to healthcare seem to me, a far better indicator of this dental health crisis. I wonder why our schools are suffering for lack of funding (which in no way empowers our youth to understand and steward their personal disease and decay prevention through diet and dental care) and why so many struggle to access adequate health and dental care - from my understanding, therein lies the root of this issue. Please direct these funds to Health Education and equal access to healthcare including the option for affordable pharmaceutical grade fluoride supplements to those that cannot afford unjustly expensive healthy whole foods and regular dentist visits.

I will add as an anecdote that I grew up in Tualatin without fluoride in the water supply. Granted, I grew up in a family with above average access to education and healthcare. I had topical fluoride treatments but no fluoride in my water and I assure you, my teeth are healthy. I am privileged and for that I am interested in paying back my debt to society, to leveling the playing field. I do not believe mandated fluoride ingestion is offering the best solution to those that are less fortunate than I. On the contrary, I feel a fluoridated water supply will further subjugate the already struggling under-served people of this community and I am committed to working against that practice.

Lastly, I have seen zero scientific studies or papers that address positive or negative impacts of fluoridation on any other living species outside of the human species. I have witnessed first hand and have science on my side when I state - all of our systems are intertwined. If we do not know the FULL effects - not just the human effects - of adding a "pollutant", a "drug", an "industrial byproduct" or however you choose to define the fluoride chemicals that will be entering the water supply, then my vote - not that you are soliciting it, is NO TO FLUORIDE in the DRINKING WATER that SUSTAINS MY COMMUNITY. Not for me, not for my family, not for my friends and not for my colleagues and most absolutely not for the pregnant mamas and babies of this community, not for the fish or the macro invertebrates that support both aquatic and terrestrial life - not without a vote, not without consent.

Thank you for considering my perspective,

Stephanie Puhl
NE Portland, 97211

Moore-Love, Karla

185612

From: Lawrence Hudetz [hudechrome@gmail.com]
Sent: Thursday, September 06, 2012 11:03 AM
To: Moore-Love, Karla
Subject: RoseMarie Opp/to be placed in the record on Sept 6, 2012 hearing on flouride
Attachments: Sept. 6, 2012 city council testimony on fluoride.doc

Karla,
Thank you for placing this in the record.
I believe this is your current email.
may send to other I have on here.
RoseMarie Opp

I am very much opposed to fluoridation of our fine Bull Run drinking water.

I understand much of this waste by product comes in from China. Recently we had a warning about dog products.

<http://trends.aahanet.org/VetNewsArticle.aspx?key=b57cef97-f641-4082-888e-d12cf14d89e0>

China refuses FDA sampling of jerky.

According to NBC News, Chinese government officials are refusing to allow inspectors from the U.S. Food and Drug Administration (FDA) to collect samples from four jerky manufacturing sites.

Is this what we can expect regarding the fluoride, the fluorosilicic acid product, with no real analysis whether from China or from our own government?

So, we have a right to know where this product is coming from.

We have a right to know exactly what is being put into our basic need, our drinking water. We have a right to say No to being medicated. We are being denied a choice.

I refuse to drink this and this will affect me personally in many ways.

I will not want to live in a community that is fluoridated, I will not want to visit, I will have to boycott many products, I will try to find a place to live, it looks like having to live somewhat isolated if the likes of you persist and refuse to make decisions based on science, but instead what is politically pushed. If you go along with this lobbying and not the research, you are inept or corrupt or both. There is no other reasonable conclusion.

The schools in Portland provide fluoride treatments for the families that want them for the children. Shame on you and shame on those who are using the children for nefarious money making schemes. We need an organization Everyone Deserves a Healthy Body coalition. You cannot isolate the teeth, this is not about only the teeth. You know it and we know it and those pushing this know it.

Those that do not know it have been caught up in the emotional pitch given to them and I believe are being used without being told the truth and the science of this entire episode.

The way this matter has been handled behind closed doors and then in about a month deciding even ahead of a public hearing is unconscionable. Where will there be disclosure regarding those private meetings? Where will there be disclosure of the inherent danger of the fluoride treatment itself? Where will there be disclosure with integrity period?

RoseMarie Opp
hudechrome@gmail.com

I understand there may be many people at the hearing, and time may not allow for my testimony, so I request that the record be kept open.

818081

185612

Moore-Love, Karla

From: Christina Murphy [mailto:change.org]
Sent: Thursday, September 06, 2012 11:01 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I am a recent Public Health graduate at PSU. I am outraged that Upstream Public Health supports this. Fluoride is a known toxin that causes neurological issues and increases the absorption rate of Alzheimers by 600%! At PSU we were taught that public health is to provide health to include underserved populations. Portland is not a third world country. We do have a need for low income help but there are other means of creating health. We could put the 5million cost to implement fluoridation and the future unknown cost to treat health problems associated with fluoride into implementing program interventions that motivate, educate and create access to those in need. It misses the mark of "health" entirely to "assume" an over all kill with a known carcinogen would be o.k. if it's diluted. It's poison, period! That's public health the ability to see

185612

the real issue. Germany, Japan, Switzerland all at one time fluoridated water but reversed their decision according to known studies because it's a poison. FYI fluoride is also a pharmaceutical used in pesticides and herbicides.

Christina Murphy
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Moore-Love, Karla

185612

From: ahardesty88@comcast.net
Sent: Thursday, September 06, 2012 10:58 AM
To: Moore-Love, Karla
Subject: Fluoride

Dear Mayor and Commissioners,

As a former City Councilor in Ashland, I thought you would be interested to know that about 5 years ago, during my tenure, Ashland grappled with the issue of fluoridation and rejected the idea overwhelmingly. The vote was 5 to 1 against. We believed that there was insufficient evidence in favor and plenty of evidence against fluoridating our municipal water. Topical application to prevent tooth decay should be more than sufficient, and ingesting fluoride is a bad idea. I speak also as a scientist and health professional with years of experience in public and occupational health.

I would be very disappointed if my adopted city of Portland would fluoridate our drinking water, not only for myself but for the others who would be exposed to an unnecessary hazard.

Thank you for your consideration and please let me know if I can be of further assistance.

Sincerely yours,

Alice S. Hardesty

9/6/2012

185612

Moore-Love, Karla

From: Jason Rabedeau [mailto:change.org]
Sent: Thursday, September 06, 2012 10:44 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I want to be free to make my own decisions...it would be very easy for me to get fluoride tablets, or buy fluoride toothpaste if I so choose.

Jason Rabedeau
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

185612

Moore-Love, Karla

From: m buckner [mxbuckner@gmail.com]
Sent: Thursday, September 06, 2012 10:36 AM
To: Gonzalez, Cevero; Johnson, Aaron H.; Finn, Brendan; Grumm, Matt; Kuhn, Hannah; Howard, Patti
Cc: Moore-Love, Karla
Subject: Please keep fluoridation chemicals out of our drinking water
 Mayor Sam Adams and City Commissioners,

Portland voters like myself are extremely concerned that there has been a rushed process to add fluoridation chemicals into Portland's drinking water. The meeting with the pro-fluoridation lobby without inclusion of a hearing of the public's concerns or input from the numerous medical professionals who strongly oppose water fluoridation was both undemocratic and unethical.

It would be a monumental error to forcefully medicate Portland residents (as well as others who have no say outside of the Portland area) with a highly toxic substance such as fluoride. Please educate yourselves about fluoride's numerous health issues that will impact you and your loved ones as well as the rest of us if our water is fluoridated. If parents want their children's teeth treated with fluoride, they can have topical treatments administered at their dental office. This is a personal choice and should not be forced on anyone who does not wish to ingest this toxic substance. If fluoride was meant to be in our water it would be there naturally.

fluoride is more toxic than lead, but slightly less toxic than arsenic. This is why fluoride has long been used in rodenticides and pesticides to kill pests like rats and insects. ~**Fluoride Action Network**

As part of his argument for why he supports fluoridation, Mayor Adams told reporters that he grew up drinking fluoridated water in his hometown of Newport. This, he says, is the reason why his teeth are now white and allegedly very healthy.

But the City of Newport's Public Works page reveals that Newport does not, in fact, fluoridate its water supply (<http://www.thecityofnewport.net/dept/pwk/waterquality.asp>). The U.S. *Centers for Disease Control and Prevention* also confirms this, as its Oral Health Resources page shows that the fluoride concentration in Newport's public water supply.

It appears to Portland constituents that Mayor Adams was essentially bribed by the fluoride lobby to pretend as though fluoride is healthy and beneficial. Mayor Adams has even gone so far as to claim that the science against fluoride is based on "emotions and rhetoric," which is clearly not the case when taking even a cursory look at the mountain of evidence.

Please keep fluoridation out of our drinking water. With the availability of fact-checking, ignorance of fluoride's adverse affects is no excuse for our leaders to cave in to powerful lobbyists.

Sincerely,
 Marie Buckner
 SE Portland

9/6/2012

185612

Moore-Love, Karla**From:** Kirk [kirksig@gmail.com]**Sent:** Thursday, September 06, 2012 10:35 AM**To:** Commissioner Fish; Moore-Love, Karla**Subject:** Portlanders Know Nick Fish is the REAL Driving Force Behind Forced-Fluoridation

I am writing to strongly urge you to **stop the fluoridation facility plans immediately**. It is very **undemocratic**, especially considering Portland's history of voting down fluoridation consistently.

Mayor Adams and Commissioner Leonard will be retiring soon.

However, Nick Fish has announced that he will be running for re-election.

I also foresee Mr. Fish possibly running for Congress or the Senate in the future.

Mr. Fish would do well to take note of all the Portlanders who oppose fluoridation, myself included.

I can assure Nick Fish that if he pushes through the fluoridation project without voter approval, I will strongly oppose any political aspirations he might hold for the future.

If Mr. Fish votes "yes," I will not forget his draconian move to push through fluoridation, especially the way he has maneuvered two lame ducks (Leonard and Adams) in front of him to deflect any public disapproval of the image that he has carefully built since being elected to City Council in 2008.

Let me further clarify my position: If Councilman Fish votes "yes" on fluoridating Portland undemocratically, and without a voter ballot, then I will send emails to all of my friends and relevant acquaintances about how I feel he is unfit for public office. And I will never, ever vote for him in any future election of any kind. In addition, I will patiently, peacefully, and democratically extend my physical, intellectual, and financial support to his opponent(s) in any political races he enters in the future.

All of the preposterous "healthy teeth" commercials flooding Internet, radio and television media have not swayed me in the least; in fact, I find them to be quite insulting from an intellectual standpoint. I know my grammar very well when it comes to analyzing an issue and I never put "why" before "who, what when and where." Each of those commercials does precisely that. They are slippery slope fallacies, as well as logical fallacies, and they are an insult to the intelligence of the people of Portland.

I am a life-long democrat who strongly opposes fluoridation primarily because of the fact that so many European countries have banned the practice of fluoridating drinking water as unsafe. Let me repeat that: fluoridating water in most European countries is not merely considered questionable, IT IS ILLEGAL AND A CRIME.

As a college professor, I've taken the opportunity to research the subject of fluoridation thoroughly using EBSCO Host, the college's impressive online data service that puts professors and students in touch with peer reviewed scholarly articles in scientific and medical journals from around the world.

My research took several weeks to complete, and included scanning and reading nearly fifty articles and scholarly papers from a wide range of journals, books, and other assorted and miscellaneous publications of interest, particularly those translated from scientific, medical, and governmental findings in Sweden, Germany, Austria, Holland, France, Belgium, and Switzerland.

If Nick Fish reverses his stance on fluoridation, and votes "no" on the fluoridation project as a City Council member, then I will again support his political aspirations--both to City Council and beyond. As a life-long democrat I would once again support his efforts to run for City Council, Congress, or the Senate, if Mr. Fish votes "no" on the fluoridation project.

Thank you for reading my email and taking note of its contents. Let's keep our beautiful city democratic and fair. As a life-long Oregonian, I love Portland and very much would like Bull Run water to remain uncontaminated.

Very sincerely yours,
Sig Sigurdson
97206

9/6/2012

185612

818281

Moore-Love, Karla

From: Ashley Smith [ash.sparkle@gmail.com]
Sent: Thursday, September 06, 2012 10:35 AM
To: Moore-Love, Karla
Subject: Fwd: fluoridate water NO!

----- Forwarded message -----

From: Ashley Smith <ash.sparkle@gmail.com>
Date: Mon, Sep 3, 2012 at 4:43 PM
Subject: fluoridate water NO!
To: Mayorsam@portlandoregon.gov, Amanda@portlandoregon.gov, Nick@portlandoregon.gov, Dan@portlandoregon.gov, Randy@portlandoregon.gov

Dear Mayor Sam Adams,

I am somewhat shocked at the push to fluoridate Portland's water. The quality of our clean water is famous and fuels our local food and beverage industry. It is one of the unique positive aspects of what Portland and Oregon stand for - we stand for strong environmentalism and clean, healthy living standards. To me, placing an ingredient in the water that neither adds to the water's quality nor is universally acceptable to all of its citizens' health does not meet our quality standard and should NOT be allowed, no matter how many cities do it. The effect of adding fluoride to the water actually has quite the opposite effect - it endangers many people's health.

Can you categorically say that fluoride does not eventually cause cancer? Whatever fear mongering persuaded you to think that the addition of fluoride to our water is the only solution to a dental problem has caused you to be distracted from the truth of the matter. The truth is fluoride is a dangerous toxin, and is used strategically, NOT universally, to strengthen teeth based on outdated, biased data that does not take into account those with compromised immune systems, or teeth that are already strengthened by a healthy, non chemical, non processed food diet. The beneficial effects of fluoride are no different when given by oral tablet or toothpaste or added to water. However, the first two methods are a conscious choice by the consumer. How dare you take away our choice!

Portlanders have never bowed to such pressure and we will not do so now. To suggest the only reason that our underserved population's teeth are rotting is due to lack of fluoridation in our water is a weak argument, even if you will have statistics from other cities and states to prove your case. Why? Because Portlanders are smarter than that. We know that fluoride is a toxin to animals, plants, and humans. We know that it is just as easy to get too much intake of fluoride when it is in an ongoing supply such as water, rather than administered in oral tablet form to those who need extra. It is not in every type of toothpaste or mouth rinse, Portlanders know this. Why? Because it is a choice, a recommendation, not a life saving law to include fluoride in one's oral health care. Fluoride is not an essential nutrient to our health.

We have one of the top naturopathic colleges in the nation here, and I am sure they would be happy to give you more than enough data to prove that fluoride is detrimental to health in the dosage that is commonly found in people who ingest it in their drinking water. If you do not wish to consult them, then here are a few facts:

9/6/2012

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- During the years 1970 to 2010 there was no significant difference in the reduction in tooth decay in countries which fluoridated water and those who didn't according to the World Health Organization.
- Most dental researchers agree that the most benefits derived from fluoride come from topically applied sources of fluoride and NOT from ingestion.
- The Food and Drug Administration (FDA) now requires that all fluoride toothpaste sold in the US carry a poison warning that instructs users to contact the poison control center if they swallow more than used for brushing.*
- These facts are available through the Fluoride Action Network or FAN.

I strongly oppose this attempt to fluoridate Portland's drinking water, and for the safety of my family and for the future of your holding public office I suggest you oppose it as well.

Sincerely,
Ashley Smith
Portland, OR



185612

Moore-Love, Karla

From: no name [krisd@live.com]
Sent: Thursday, September 06, 2012 10:32 AM
To: Moore-Love, Karla
Subject: Opposed to Fluoridation!
From: Kris Destroyer (Resident of Portland)

I would like to be on record as being a resident of Portland, Oregon who is strongly opposed to the Fluoridation of our water. I will look to personally hold all those involved accountable if this measure passes. There is a plethora of scientific data (unpaid for) which you seemed to overlook in your rush to pass this measure. I plan on using it.

Sincerely,

Kris Destroyer
krisd@live.com

9/6/2012

185612

Moore-Love, Karla

From: Colin Kiley [ckiley@apano.org]
Sent: Thursday, September 06, 2012 10:23 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoride Written Testimony: Asian Pacific American Network of Oregon
Attachments: ColinKileyTestimonyAPANOSignon.docx

Hi Mayor Adams and City Commissioners, please accept this testimony for public record in support of fluoridation from community members of the Asian Pacific American Network of Oregon.

Thank you,
Colin Kiley | Asian Pacific American Network of Oregon

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Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
M: 541.510.2096 | O: 971.340.4861 | www.apano.org

COLIN KILEY

185612

Good afternoon/evening, Mayor and City Commissioners...

The following letter from the Asian Pacific American Network of Oregon is signed by over 40 Asian and Pacific Islander community leaders...

Final August 2012

Public Sign-On

Fluoridated water: the safe, effective solution to our dental health crisis

Oregon is in the midst of a dental health crisis that is threatening our children's health and educational success. One third of Oregon children have tooth decay, and that rate is even higher in communities of color, and in many of our Asian and Pacific Islander communities. The solution is a combination of education, better access to dental care, and fluoridated water.

For many of our communities, particularly immigrants and refugees, our children face rampant dental decay. This has lifelong consequences. Asian and Pacific Islander children face a real disparity, with fewer than 15 percent visiting a dentist by age two. Our children who have cavities and are in pain miss more school days on average, have trouble eating and speaking, and have life-long health issues and costs. Dental decay is expensive for individual families, accounts for 30 percent of all healthcare costs for children, and drives up healthcare costs for everyone. And yet it is 100 percent preventable.

APANO, the Coalition of Communities of Color, Asian Health and Service Center, the Philippine American Chamber of Commerce of Oregon, and over 70 institutions and community groups have joined with every major health care organization in the country, from the Centers for Disease Control and Prevention to the National Institutes of Health, in recognizing that fluoridation is safe and effective. It's the best way to ensure that every child, regardless of race, ethnicity or income, has access to the most important cavity-prevention measure.

Studies have shown that fluoridated water reduces dental decay by 30 percent. In the last 40 years, there have been more than 3,700 studies of its safety and effectiveness. Fluoridated water has been used for more than 65 years by hundreds of millions of Americans, and currently 74% percent of Americans drink it every day. It also saves us money: For every \$1 spent fluoridating water, a community can expect to save \$38 in dental costs.

The Everyone Deserves Healthy Coalition has formed to say that Oregon's dental health crisis is not acceptable for our children and that fluoridating Portland's water is the right investment to make now for our children's health and educational success, for social justice and for economic prosperity.

Signatories (*affiliations listed for identification purposes only*)

1. Kathy Delumpa Allegri, Allegri Wine & Art Gallery
2. Ronault LS Catalani,
3. Jennifer Chang, MPH
4. Jeannette Pai-Espinosa
5. Vui Talitu Dr. Toetu Faaleava, Samoa Pacific Development Corporation
6. Anuradha Jairam, Program Co-ordinator, Family And Community Empowerment (FACE)
a program of MESO
7. Dr. Gregory Garcia, MD
8. Dr. Melissa Goebel, Internal Medicine, Legacy Health Systems
9. Dr. Jessica Gregg, Associate Professor of Medicine, OHSU
10. Helena Huang, NW Health Foundation
11. Dr. Cyrus Lee, President, Chinese American Citizens Alliance - Portland Lodge
12. Jaime Lim, Philippine American Chamber of Commerce of Oregon
13. Dr. Connie Masuoka
14. Kim Nguyen, Interpretation/Translation Services, Portland Public Schools.
15. Thach Nguyen, Multnomah County Juvenile Court Services.
16. Dr. Connie Nguyen-Truong, Researcher, OHSU School of Nursing
17. Suk Rhee, Northwest Health Foundation
18. Gauri Rajbaidya, Asian Pacific American Network of Oregon
19. Christine Chin Ryan, President, Synergy Consulting, Inc.
20. Aimee Santos-Lyons, Western States Center
21. Rev. Joseph Santos-Lyons, Asian Pacific American Network of Oregon
22. Betsy Tam Salter, Multnomah County Democrats
23. June Arima Schumann, Asian Pacific American Network of Oregon
24. Ping Khaw Sutherland
25. Carol Suzuki, Asian Pacific American Network of Oregon
26. Elizabeth Takahashi, MPH
27. Dr. Dennis Tan, MD
28. Tuyen Tran, MPA-HA
29. Dr Thuy Tran, Rose City Vision Care, Parkrose School Board
30. Lillian Tsai, TsaiComms LLC
31. Sandy Tsuneyoshi, Asian Pacific American Network of Oregon
32. Dr. Farzin Turk, dentist
33. Dr. Anselmo Villanueva, Asian Pacific American Network of Oregon
34. Khalid Wahab, JD MPH, Former Chair Oregon Environmental Justice Task Force
35. Mari Watanabe, Oregon Commission on Asian and Pacific Islander Affairs
36. Byron Wong, Thymos and Bigwowo.com
37. Dr. Phil Wu, Kaiser
38. Jean Yamamoto, Asian Pacific American Network of Oregon
39. Helen Ying, Chinese American Citizen's Alliance Portland Lodge
40. Julie Yu, MD

41. Justin Yuen

185612

185612

Moore-Love, Karla

From: Colin Kiley [ckiley@apano.org]
Sent: Thursday, September 06, 2012 10:17 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoride Written Testimony: Connie Kim Yen Nguyen-Truong
Attachments: ConnieNguyen-TruongTestimony.docx

Hi Mayor Adams and City Commissioners, please accept this testimony for public record in support of fluoridation from community member Connie Kim Yen Nguyen-Truong.

Thank you,
Colin Kiley | Asian Pacific American Network of Oregon

--
Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
M: 541.510.2096 | O: 971.340.4861 | www.apano.org

[FIPE] Here is a testimony from a friend, Connie Kim Yen Nguyen-Truong, who could not be here to testify because of work....

My husband came from a low-income family. He is the youngest of 4 children. He had severe cavities, 2 of which were quite extensive and required major fillings. His parents were not able to 'take care of these teeth' due to the extensive cost and had asked the dentist for a less expensive solution. The dentist informed that their son's fillings were considered temporary fixes. My husband recently had to take time off of work to have major dental work done and we had to find a way and paid out of pocket \$1000 for his root canal and crown. The nerve ending was dead and he had developed an infection. Our health insurance only covered a portion of the cost.

According to the Centers for Disease Control and Prevention, adults who received inadequate dental care as kids often miss work dealing with the consequences of dental decay. The cost of dental care has been much more than this across his lifetime. Prevention was needed as a child! Fluoridation can give low-income families and everyone the chance to prevent painful and costly tooth decay throughout their lives.

My brother also continues to experience tooth decay into his adulthood. He does not have health insurance and always says that he cannot afford to take time off of work. His pain is worsening but he feels that then he needs to work to take care of his family. The dentist said that it would cost more than \$3000 to take care of his tooth decay, and my brother said that he would just have to endure the suffering because it costs too much.

We don't have universal health care here to take care of our community members, and some have been suffering for decades from painful tooth decay. Let's not let that happen to a new generation of children. It is time to fluoridate our water. Please vote in favor of fluoridation.

Thank you,
Connie Kim Yen Nguyen-Truong

310081

Moore-Love, Karla

185612

From: Kirk [kirksig@gmail.com]

Sent: Thursday, September 06, 2012 10:17 AM

To: Commissioner Fish; Commissioner Saltzman; Commissioner Fritz; Leonard, Randy; Adams, Mayor

Subject: Democrat College Professor Against Fluoridation of Portland's Water

I am writing to strongly urge you to **stop the fluoridation facility plans immediately**. It is very **undemocratic**, especially considering Portland's history of voting down fluoridation consistently.

I am a life-long democrat who strongly opposes fluoridation primarily because of the fact that **so many European countries have banned the practice of fluoridating drinking water** as unsafe. Let me repeat that: fluoridating water in most European countries is not merely considered questionable, **IT IS ILLEGAL AND A CRIME**.

As a **Professor of English** at Portland Community College, I've taken the opportunity to research the subject of fluoridation thoroughly using EBSCO Host, the college's impressive online data service that puts professors and students in touch with peer reviewed scholarly articles in scientific and medical journals from around the world.

My research took several weeks to complete, and included scanning and reading nearly fifty articles and scholarly papers from a wide range of journals, books, and other assorted and miscellaneous publications of interest, particularly those translated from scientific, medical, and governmental findings in Sweden, Germany, Austria, Holland, France, Belgium, and Switzerland.

I realize that Mayor Adams and Commissioner Leonard will be retiring soon.

However, Nick Fish has announced that he will be running for re-election.

I also foresee Mr. Fish possibly running for Congress or the Senate in the future.

Mr. Fish would do well to take note of all the Portlanders who oppose fluoridation, myself included.

I can assure Nick Fish that if he pushes through the fluoridation project without voter approval, I will strongly oppose any political aspirations he might hold for the future.

Let me further clarify my position: If Councilman Fish votes "yes" on fluoridating Portland undemocratically, and without a voter ballot, then I will send emails to all of my friends and relevant acquaintances about how I feel he is unfit for public office. And I will never, ever vote for him in any future election of any kind. In addition, I will patiently, peacefully, and democratically extend my physical, intellectual, and financial support to his opponent(s) in any political races he enters in the future.

If Mr. Fish votes "yes," I will not forget his draconian move to push through fluoridation, especially the way he has maneuvered two lame ducks (Leonard and Adams) in front of him to deflect blame.

All of the preposterous "healthy teeth" commercials flooding Internet, radio and television media

9/6/2012

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have not swayed me in the least; in fact, I find them to be quite insulting from an intellectual standpoint. I know my grammar very well when it comes to analyzing an issue and I never put "why" before "who, what when and where." Each of those commercials does precisely that. They are slippery slope fallacies, as well as logical fallacies, and they are an insult to the intelligence of the people of Portland.

If Nick Fish reverses his stance on fluoridation, and votes "no" on the fluoridation project as a City Council member, then I will again support his political aspirations--both to City Council and beyond. As a life-long democrat I would once again support his efforts to run for City Council, Congress, or the Senate, if Mr. Fish votes "no" on the fluoridation project.

Thank you for reading my email and taking note of its contents. Let's keep our beautiful city democratic and fair. As a life-long Oregonian, I love Portland and very much would like Bull Run water to remain pure.

Very Sincerely Yours,
Kirk Sigurdson
Professor of English

185616

Moore-Love, Karla

From: Colin Kiley [ckiley@apano.org]
Sent: Thursday, September 06, 2012 10:16 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoride Written Testimony: Channbunmorl Sou
Attachments: ChannbunmorlSouwaterfluoridationtestimony.docx.docx

Hi Mayor Adams and City Commissioners, please accept this testimony for public record in support of fluoridation from community member Channbunmorl Sou

Thank you,
Colin Kiley | Asian Pacific American Network of Oregon

--
Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
M: 541.510.2096 | O: 971.340.4861 | www.apano.org

Good afternoon Commissioners and Mayor Adams,

185612

Thank you for giving the community and myself the opportunity to speak about this issue. My name is **Channbunmorl Sou**. I was born and raised here, and that makes me a true Portlander. Because my parents were immigrants, our family struggled a lot financially. This struggle also affected our health. When I was a child and even now up into my adulthood, I have had cavities. Because of this, I have always felt bad about my teeth.

Just recently, I found out that Portland's water was not fluoridated; I was shocked and appalled. There is a lot of support within the scientific community that fluoridating our water reduces dental decay by 20-40%. The Center for Disease Control and Prevention even proclaimed community water fluoridation as one of the greatest public health achievements in the 20th century.

Because of my dental health issues and our financial struggles, the state had to subsidize the costs of my reactive dental care which was actually quite frequent. This cost the state and taxpayers more than if I were to have regular preventive care. Research from the CDC states that for every \$1 spent on fluoridation, it saves \$38 that would be spent on dental care. We could be saving money and prevent painful tooth decay for our communities by fluoridating our water.

Commissioners and Mayor Adams, I urge you to keep in mind the immigrant and refugee communities and children who live here in our city and are generally voiceless in voting--I hope you will consider their interests when making your decision. I strongly encourage you to vote in favor of fluoridating our water. It is not only benefiting me, but it is also benefiting our family, friends and community as well.

Thank you.

Moore-Love, Karla

18561²

From: Colin Kiley [ckiley@apano.org]
Sent: Thursday, September 06, 2012 10:15 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoride Written Testimony: Cyrus Lee
Attachments: CyrusLeePortlandCityCouncilFluoridationTestimony.docx.docx

Hi Mayor Adams and City Commissioners, please accept this testimony for public record in support of fluoridation from community member and dentist Cyrus Lee.

Thank you,
Colin Kiley | Asian Pacific American Network of Oregon

--
Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
M: 541.510.2096 | O: 971.340.4861 | www.apano.org

Portland City Council Fluoridation Testimony-Cyrus Lee

Good afternoon. My name is Cyrus Lee, and I've been a practicing dentist for over 10 years. I've treated patients mainly in Portland and Beaverton, but also Tacoma and Vancouver, Washington, and in the Midwest and overseas. And nowhere have I seen the amount of dental disease than here in Portland. As someone who currently practices in Aloha, I oftentimes see the differences between those who grew up and live in Beaverton (fluoridated) versus those in Hillsboro (non-fluoridated). Just a week and a half ago, I was treating one of my patients. He was in his 30's, had a mouth full of dental work, most of which was failing or decayed, and multiple missing teeth. As I finished treatment that day, he asked me if I thought fluoridated water would have made a difference for him. You see, he grew up without fluoridated water in Camden, New Jersey. Him and his sister, and they both suffered with significant dental disease in their childhood and lifetime. Their two older siblings, who were over 10 years older, grew up in New York City and had access to fluoridated water their first decade of life. Those two, same parents, same diet, same conditions, pretty much the most significant difference was one pair grew up with fluoridated water, and the other set didn't. The two older siblings grew up without any cavities, which helped them to remain cavity free throughout their lifetime.

Yes, this is one small example of anecdotal evidence, but there is so much peer-reviewed evidence proving that community water fluoridation is effective and safe. Truman et al. published a systematic review of evidence in the American Journal of Preventive Medicine and concluded that starting water fluoridation decreased dental caries experience by a median of 41.2%. Opponents of fluoridation say that community water fluoridation is unsafe. Yet there is no credible evidence supporting this. In fact, in 2011, a U.S. study, approved by the National Cancer Institute, found no link between fluoride and bone cancer.

Dental health is intimately linked to overall health. Poor dental health contributes to heart disease and diabetes, and adversely affects speech and self-esteem. Downstream it plays a big role in preventing educational success and future employment opportunities. Our oral health crisis disproportionately affects our communities of color, our children, and those who don't have financial resources. As our elected officials and as community leaders, we must give a voice to the voiceless, and we must protect those who cannot protect themselves. We must implement a community water fluoridation program to give everyone equal access to the optimal levels of fluoride needed to help achieve total health.

Thank you for your time and thoughtfulness on this issue.

185612

Moore-Love, Karla

From: Paul Wiegardt [paulwiegardt@gmail.com]

Sent: Thursday, September 06, 2012 10:14 AM

To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz

Subject: vote YES to fluoridation

Dear Sirs,

I am writing to express my strong support in favor of fluoridation of Portland's drinking water supply. From my research I can only conclude that the proven benefits far outweigh the purported drawbacks, which as far as I can tell are either unfounded or negligible.

Please vote in favor of fluoridating Portland's drinking water.

Thank you,
Paul Wiegardt
506 NE Cook St,
Portland, OR 97212
503-481-1404

Moore-Love, Karla

185612

From: Colin Kiley [ckiley@apano.org]
Sent: Thursday, September 06, 2012 10:14 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Re: Fluoride Written Testimony: June Arima Schumann
Attachments: JuneArimaSchumannWaterFluoridationTestimonytoPortlandCityCouncil9.6.12.docx.docx

Forgot to attach! Apologies.

Thank you,
Colin Kiley

On Thu, Sep 6, 2012 at 10:13 AM, Colin Kiley <ckiley@apano.org> wrote:
 Hi Mayor Adams and City Commissioners, please accept this testimony for public record in support of fluoridation from community member June Arima Schumann.

Thank you,
Colin Kiley | Asian Pacific American Network of Oregon

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Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
 M: [541.510.2096](tel:541.510.2096) | O: [971.340.4861](tel:971.340.4861) | www.apano.org

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Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
 M: [541.510.2096](tel:541.510.2096) | O: [971.340.4861](tel:971.340.4861) | www.apano.org

Testimony to the City Council
Portland, Oregon
September 6, 2012
June Arima Schumann

Good afternoon, Mayor Adams, members of the City Council.

My name is June Arima Schumann. I am here in my capacity as Board Co-Chair for Asian Pacific American Network of Oregon. APANO is a statewide, non-profit organization that exists to advocate for issues of interest to the Asian and Pacific Islander communities.

For most of my life, I have lived in cities that have fluoride in their water. I grew up in Denver, Colorado where water fluoridation has been in effect since 1954. In Philadelphia where I lived as a young adult, water has been fluoridated since 1954. So my personal experience is that water fluoridation is normal and good. I do not suffer from the 'hazardous side effects of fluoridation' that opponents might have you believe. To me, this is a no-brainer issue.

APANO is among several communities of color that support water fluoridation in Portland. It matters to our organization because water fluoridation is an important aspect of promoting healthy and productive life through good dental health. A significant portion of low income Asian and Pacific Islander children are adversely affected with high rate of tooth decay due to lack of affordable dental care. High incidences of tooth decay contribute to missed school days and poor general health. More than 51 million school hours are lost each year to dental-related illness for school children nationally. Low-income children suffer nearly 12 times more restricted-activity days than children from higher-income families. And in Multnomah County, where the poverty level for Asian Americans is higher than the national average, our children and families are at higher risk for poor dental care. Additionally, specific communities of Asian and Pacific Islander children face achievement gaps in school, so missing time in the classroom creates more barriers to prosperity and well being for our communities.

Asian and Pacific Islander children and families should not be denied the benefits of good health and opportunities for prosperity because they live in a city that does not have fluoridated water. For us, water fluoridation is a matter of equity and social justice.

We urge the Council to vote in favor of water fluoridation.

Thank you for this opportunity to present my testimony.

Moore-Love, Karla

185612

From: Lisa Long [mailto:change.org]
Sent: Thursday, September 06, 2012 10:12 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Lisa Long
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Robert Long [mailto:change.org]
Sent: Thursday, September 06, 2012 10:11 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Robert Long
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: Colin Kiley [ckiley@apano.org]
Sent: Thursday, September 06, 2012 10:06 AM
To: Moore-Love, Karla; Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: Fluoride Written Testimony: Aimee Santos-Lyons
Attachments: FlouridetestimonyAimeeSantos-Lyons.docx

Hi Mayor Adams and City Commissioners, please accept this testimony for public record in support of fluoridation from community member Aimee Santos-Lyons.

Thank you,
Colin Kiley | Asian Pacific American Network of Oregon

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Colin Kiley | Lead Organizer
Asian Pacific American Network of Oregon
M: 541.510.2096 | O: 971.340.4861 | www.apano.org

Sept 5, 2012

My name is Aimee Santos-Lyons, and I am a mother of 3 young children aged 12, 6 and 4 years old. I'm also an immigrant resident of Portland, community leader and a public health practitioner. These three pieces of myself bear down and converge as I reflect on this flouridation campaign and consider how I would offer or withhold support.

As a mother of young children, I look to their welfare and what would benefit their health and well-being. My two eldest children have had poor dental health and early on, have already had painful tooth extractions due to severe dental decay and cavities. Their dental health is a consistent concern and expense on our family, at one time having had to pay nearly \$1000 for the dentist to pull out my daughter Miyka's molar tooth. This is an outrageous expense to pay for a family that has little wiggle room in our income.

As an immigrant resident and community leader in the API community, I look at the statistics of the dental crisis in Portland and know deeply that people of color, immigrants and refugees are disproportionately affected by this. In understanding how low-incomed and immigrant communities receive limited benefit from current school flouridation programs, my own family's concern is amplified by my community's distress and invisibility around this issue. My colleague helps organize regular free dental health clinics would describe the thousands of people who would line up for service, lines that started the night before and go around the block several times. This is unacceptable, all the more because it is demonstrably preventable. To my mind, this crisis needs bold leadership and political will to address and resolve.

As a public health practitioner, I look to the science and search for what has been validated by the scientific community as well as other cities and neighborhoods throughout the country. I understand and accept the sound rationale for public health programs such as mandatory vaccinations for children, or the regulation of tobacco-free spaces. I am convinced that universal access to flouride helps the most marginalized of our Portlanders and I support a community that believes everyone should have optimal health and the conditions to thrive. This makes sense, for my family, my community and the Portland that I am proud of. I choose to raise my children in Portland because most Portlanders I know believe that everyone should have high quality of life, not just a few or the privileged. We believe that green spaces accessible to all families is a good thing. We work to make sure opportunities to thrive and excel are available to all. We work to reduce our carbon footprint and ensure bike lanes are accessible to most. If we truly believe that all families matter, then universal access to flouride needs to be a hallmark of our community.

Maria Aimee Santos-Lyons
831 North Watts St.
Portland, OR 97217
aimee.santoslyons@gmail.com

Moore-Love, Karla

185612

From: Ada Gonzalez [mailto:mail@change.org]**Sent:** Thursday, September 06, 2012 9:51 AM**To:** Moore-Love, Karla**Subject:** Keep Portland water safe for all citizens – do not fluoridate our water

Greetings,

I just signed the following petition addressed to: Portland City Council.

 Keep Portland water safe for all citizens – do not fluoridate our water

Let it be public record that we, the undersigned, are:

1. Medically unable to tolerate fluoride, and/or
2. Have been told by our health care providers to avoid fluoride, and/or
3. Have family members or friends who are medically unable to tolerate fluoride or who have been told by their health care providers to avoid fluoride, and/or
4. Are health care providers treating people who are medically unable to tolerate fluoride and that fluoridation of Portland water will have serious potential health consequences for us.

Many Portland citizens are medically unable to tolerate fluoride for various reasons. Many who are medically unable to tolerate fluoride have multiple chemical sensitivity (MCS). MCS is considered a disability under federal law (Fair Housing Act and Americans with Disabilities Act). It is critical for people with MCS to avoid exposure to chemicals, and we are advised by our doctors to avoid fluoride.

The American Academy of Environmental Medicine explains MCS as “a very real chronic medical condition that has been only slowly gaining the public recognition it deserves. Recent estimates suggest that chemical sensitivity, that is, hyper-reactivity to various environmental agents (also known as incitants or triggers), may afflict something like 10-15% of the American population.” Fluoride-containing water is considered an incitant.
<http://www.aemonline.org/chemicalsensitivypost.html>

The American Academy of Environmental Medicine is an international association of physicians and scientists in the forefront of treating people with chemical sensitivity and researching the relationship between health and the environment. In their position paper on fluoride, they state that “fluoride is a known neurotoxin and carcinogen even at the levels added to public water supplies,” and that they support “banning the addition of fluoride or products containing fluoride to public water supplies.”
<http://www.aemonline.org/images/FluorideResolution.pdf>

We are appealing to you to reconsider your plan to fluoridate Portland’s water. Many of us expend a tremendous amount of time, energy, and money to stay healthy enough to remain functional and productive members of our community in spite of having chemical sensitivity or other medical conditions. This will likely be impossible for those of us with known fluoride intolerance. There is no way for us to avoid exposure if fluoride is present in our water.

Common water and shower filters that address chlorine, lead, and disinfection by-products do not remove fluoride. The only option for fluoride removal is reverse osmosis (RO). RO systems

9/6/2012

185612

are expensive to buy and maintain, the process is slow, and produces 3-5 gallons of waste water for every gallon of drinking water produced. Additionally, RO removes only about about 94% of fluoride, and this is not enough for hypersensitive individuals. To avoid health consequences, exposure must be eliminated, not just minimized.

Additionally, removing fluoride just from drinking water does not resolve the problem for the chemically sensitive. Fluoride is readily absorbed through the skin (bathing and showering compound fluoride ingestion). For the hypersensitive, all sources of exposure must be removed to avoid serious health consequences.. Shower filters will not remove fluoride.

A number of us have been advised by an attorney that there may be potential liability issues if you force people to be exposed to a chemical they cannot tolerate, and whose physicians have advised them to avoid, and who will have no way to opt out of exposure. There are Portlanders who will suffer serious health consequences. All we can do is minimize our exposure with reverse osmosis or bottled water. For those of us with chemical sensitivity, merely minimizing exposure to a substance to which we are hypersensitive is not sufficient to avoid serious health consequences. It is necessary to eliminate exposure. This will not be possible if you proceed with your plan to fluoridate our water.

For those who want fluoride, it is easy to obtain. For those who cannot tolerate it, it is impossible to avoid if it is in our water. We urge you to look at a bigger picture and consider some of the resources included in this statement to ensure the health of all of our city's citizens. Thank you for your consideration.

Sincerely,

I treat patients with Chemical Sensitivities. This is a medical issue that is only growing in prevalence. Portland water has been a safe haven for people wanting to live without the harmful effects of fluoridation. Please allow this to continue to be true.

Ada Gonzalez
Milwaukie, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/portland-city-council-keep-portland-water-safe-for-all-citizens-do-not-fluoridate-our-water>. To respond, [click here](#)

Moore-Love, Karla

185612

From: Susan Miller [lelierre88@gmail.com]
Sent: Thursday, September 06, 2012 9:51 AM
To: Moore-Love, Karla
Subject: copy of my testimony today: hearing re fluoridation
Attachments: Comments to the city council of Portland.docx

Dear Karla, Here is a copy of the comments I will be making at the city council today at the hearing about fluoridation. I will also be bringing seven hard copies with me. Thank you,
Susan Miller

Comments to the city council of Portland, Sept 6, 2012

Mayor Adams and Commissioners,

Thank you for the opportunity to speak with you today.

The city's teachers are back in the classroom this week, and as a result, they cannot be here. But I just retired at the end of the last school year, so I can contribute, I hope, to the well-being of all those people involved in the educational process.

Teachers love their students, take great joy in their every progress and hurt when those kids hurt. That is why I am here today.

I taught in a fantastic high school in Beaverton for eleven years and I would like to tell you what I saw AFTER Beaverton fluoridated its water supply, in the spring of 2004.

Within a year of that addition, I was certain that I saw decreasing memory among my students in such mental functions as remembering vocabulary, grammar and facts, integrating ideas and seeing connections. Learning any foreign language uses many more mental functions than just learning in our native language, so it is not surprising that some of the first signs of impairment showed up among foreign language students.

With each passing year, the memory loss seemed more pronounced and I heard many students express their own frustration at themselves for all they couldn't remember any more.

For the past two school years it was clear that I was not the only teacher seeing this loss of memory, though other teachers did not know what might be a cause. The long-term experienced teachers especially commented nearly every day in the teacher's lounge about their frustration with the students' poorer memories. We all agreed that today's students were not as strong as those of 5 years or so ago. And our principal agreed that there seemed to be some academic difficulty, more notably among the boys. Science teachers commented that students couldn't remember facts they had seemingly learned really well three months earlier.

Because a foreign language class requires back and forth conversation, class became more frustrating for all, since many students were disinclined to speak, period! Many just looked blank and said they had nothing to say, even when we had visitors from abroad visiting our class. Their curiosity had diminished also.

I was concerned about what appeared to be decreased language capacity as well as memory. But as grades dropped, the anxiety about grades and getting into college skyrocketed. That created plenty of tension and unhappiness. Even my best and brightest students were commenting about their lack of memory, and their stress level was rising because of that.

But there were also indisputable visual signals that something had changed. There was an unprecedented spike in the number of students with fractured and broken bones and sports injuries. The halls were constantly full of new kids with splints, casts and on crutches. I had never seen anything like that epidemic of injured bones in my career. There were also many visits to orthodontists for teeth work. Last year, I had about 5 girls with eating disorders, something that I had never witnessed before. Additionally, many students seemed depressed, and quite a few students had parents undergoing divorces. Some unseen factor was eating away at the quality of life for so many of our students.

But the most serious change, that I will never forget as long as I live, was something that shocked our school to the core. One of our male students came down with osteosarcoma, a bone cancer that is considered to be a rare consequence of fluoridation. This sweet young man died, after three miserable years fighting it, with the love and support of his heart-sick but brave family, and sustained by so many people from our school who rose to the occasion to help them. But he died, a miserable death after a noble fight. It was sad beyond all measure to see this young man at the pinnacle of his life deteriorate so dramatically, and it leaves me with this request.

Sometimes, it is difficult to "prove" things, but *if there is the slightest chance that such a death could be prevented, by leaving fluoride out of the water supply, it is unconscionable to put it in!* No one should ever have to go through what that young man had to go through --- NO ONE! And to willingly accept that risk is criminal, in my opinion. But you need to know that fluoride is associated with that cancer, even though it is rare, You and your very own families will now be exposed to the wide ranging effects of fluoride. This is a chance we don't want to take. So my request is this: despite all the hoopla in favor of this addition of a byproduct of industrial waste, please consider the case of this boy who died needlessly from a horrible cancer. Err on the side of caution, not euphoria about the benefits of something small compared to the larger issues. We trust you and have confided into your hands the governance of our city, for the greater good of all. The greater good, means the whole body and mind, not just the teeth. The children of Portland need your help, for their whole being, not just for their teeth.

To conclude, I want to thank you for your gigantic effort to provide a region wide reliable source of water for everyone, even in time of emergencies. I know this is a huge responsibility. But please let your sense of compassion over-ride your pocketbook concerns. Together, we can figure out the finances, but we will never understand how anyone could possibly allow such harm to come to even one of our innocent children. We are all responsible for them. You are responsible for them. And we appreciate your willingness not to rush this issue, but to get all the facts and to use caution above all else. Thank you.

Susan Miller, former teacher in the city of Beaverton

Moore-Love, Karla

185612

From: jennifer lopez [mailto:change.org]
Sent: Thursday, September 06, 2012 9:43 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

jennifer lopez
portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: petruzelli [sdpetruzelli@comcast.net]
Sent: Thursday, September 06, 2012 9:40 AM
To: Moore-Love, Karla
Subject: Fw: IN SUPPORT OF FLUORIDATION!

Forwarding my letter in support of fluoridation previously sent to the City Commissioners.

Stephen J. Petruzelli

----- Original Message -----

From: petruzelli

To: mayorsam@portlandoregon.gov ; randy@portlandoregon.gov ; dan@portlandoregon.gov ; nick@portlandoregon.gov ; amanda@portlandoregon.gov

Sent: Monday, August 13, 2012 11:13 PM

Subject: IN SUPPORT OF FLUORIDATION!

Dear Commissioners:

I am writing as a lifetime resident of Oregon and the Portland metropolitan area. While currently residing in Tigard, I was raised in Southeast Portland, attended public schools in the city, and received my B.S. degree from Portland State University.

I retired as President & CEO of Willamette Dental Management Corporation at the end of 2008. However, I have stayed active with Willamette and am on the Boards of Oregon Oral Health Coalition, Oregon Business Association, and Generating Assistance for Public Schools, which helps provide funding for disadvantaged youth in the public schools of Washington, Columbia, Clatsop, and Tillamook Counties.

In my thirty-three years involved with dental management and dental care, I have witnessed the results of how a lack of preventive and minor restorative oral health care has affected children throughout Oregon. Willamette Dental was one of the first to step forward to provide dental care when the Oregon Health Plan began offering dental care in 1994. While this was a big step forward in providing care to our younger population, we still have not done enough to provide the simple steps necessary to prevent the rampant oral disease in our most vulnerable children.

While certainly not the complete solution, fluoridating the water supply in Portland would be a huge step forward in preventing the oral health diseases still present in many of our children in Portland. Again, this is most apparent when we see children from families from lower economic realities.

To me, it would be a black mark on the city if such a simple and evidence based solution to the problem of oral health issues for many of our children is not allowed to be addressed through fluoridating Portland's water supply.

Again, it is not the total solution, but it is a very important one. Just about every major city in the United States has recognized that fluoridating water is a safe, efficient, and productive way to prevent oral disease in children. What is holding up Portland? It is time to act!

Sincerely,

Stephen J. Petruzelli

9/6/2012

185612

Moore-Love, Karla

From: Michelle Diaz [mailto:change.org]
Sent: Thursday, September 06, 2012 9:38 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Because I value my health, and I don't want Fluoride in my water!

Michelle Diaz
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

Moore-Love, Karla

From: susan Barton [mailto:change.org]
Sent: Thursday, September 06, 2012 9:29 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

susan Barton
Beaverton, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

185612

Moore-Love, Karla

From: Gregory Family [johnbg@comcast.net]
Sent: Thursday, September 06, 2012 9:24 AM
To: Moore-Love, Karla
Subject: NO FLUORIDATION!!!

PORTLAND CITY COUNCIL:

FLUORIDATION OF PORTLAND WATER DESERVES A VOTE! RAMRODDING CHEMICALS DOWN PEOPLE'S THROAT IS NOT REPRESENTATIVE OF THE DEMOCRATIC PROCESS. THE ISSUE IS NOT PROPER DENTAL CARE FOR CHILDREN, WHICH IS & WILL CONTINUE TO HAPPEN AT HOME & SCHOOL. THE ISSUE IS THE INDIVIDUAL'S RIGHT TO CHOOSE WHAT S/HE CONSUMES IN HER/HIS BODY. THIS TYRANNICAL PUSH TO MASS MEDICATE VIOLATES INDIVIDUAL RIGHTS OF SELF-DETERMINATION & BYPASSES THE DEMOCRATIC PROCESS. THE PEOPLE OF PORTLAND DESERVE A VOTE!!! KEEP PORTLAND WATER PURE & THE DEMOCRATIC PROCESS INTACT!!!

BONNIE GREGORY
1059 SW WESTWOOD DRIVE
PORTLAND, OR 97239
503-245-5063

Moore-Love, Karla

From: courtney@scottwork.com
Sent: Thursday, September 06, 2012 8:53 AM
To: Moore-Love, Karla
Subject: [Fwd: no fluoride]

I am forwarding this to you so that it can be part of the public record on this issue.

Courtney Scott

----- Original Message -----

Subject: no fluoride
From: courtney@scottwork.com
Date: Tue, September 4, 2012 11:48 am
To: amanda@portlandoregon.gov

Dear Councilor Fritz,

I am writing to express my total rejection of the idea that we need fluoride in our drinking water. I urge you to vote against what Oregonians have already said we do not want. Here are my reasons:

1. I never use fluoride. I do not use it in toothpaste or get fluoride treatments at the dentist and I have healthy teeth. This mandate would subvert my rights to pure water.
2. The EPA has never approved fluoride in drinking water, only for topical use.
3. Infants and elders are adversely affected by fluoride. And there is no way to regulate the dose, as it depends on how much water you drink.
4. The fluoride that is used in drinking water is from agricultural effluent, it is not made in a laboratory, thus putting heavy metals and other wastes into our drinking water.
5. Oregonians have rejected statewide fluoridation three times. You as an elected official are required to adhere to the wishes of the electorate.
Please do so now.

Sincerely,

Courtney Scott
2106 NE Flanders
Portland, OR 97232

Courtney Scott photography
<http://courtneyscott.org/>
<http://petureperfect.com/>

Beyond Productions
<http://www.beyond-productions.com/>

810281

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"Never, never be afraid to do what's right, especially if the well-being of a person or animal is at stake. Society's punishments are small compared to the wounds we inflict on our soul when we look the other way."
Martin Luther King Jr.

185612

Moore-Love, Karla

From: Danielle Toney [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 8:51 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Danielle Toney
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

185612

Moore-Love, Karla

From: Travis Brown [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 8:48 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I don't want any unnecessary poisonous substance in my drinking water.

Travis Brown
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

Moore-Love, Karla

185612

From: Allschendel@aol.com
Sent: Thursday, September 06, 2012 8:45 AM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: Fluoridation

My concern is for infants and children under the age of 3. The American Dental Association and the Oregon Dental Association issued a warning that fluoridated water should not be used to reconstitute infant formula. What do you propose to do for those mothers who have to use formula? I find this statement issued in May 2011 by the Rev. Andrew Young, a colleague of Martin Luther King, Jr., former Mayor of Atlanta and former US Ambassador to the United Nations, to be compelling:

"I am most deeply concerned for poor families who have babies: If they cannot afford unfluoridated water for their babies' milk formula, do their babies not count? Of course they do. This is an issue of fairness, civil rights, and compassion. We must find better ways to prevent cavities, such as helping those most at risk for cavities obtain access to the services of a dentist. My father was a dentist. I formerly was a strong believer in the benefits of water fluoridation for preventing cavities. But many things that we began to do 50 or more years ago we now no longer do, because we have learned further information that changes our practices and policies. So it is with fluoridation"

Mayor Adams *incorrectly* claimed that 60 countries currently fluoridate their water. This claim is not factual. I challenge him to prove that and list the countries, he cannot. Around 33 countries currently fluoridate their water. Many European countries have rejected water fluoridation in general. This includes: Austria, Belgium, Czech Republic, Croatia, Denmark, Finland, France, Germany, Greece, Luxembourg, Netherlands, Northern Ireland, Norway, Sweden, Switzerland, Scotland Iceland, and Italy. Only 10% of the UK fluoridates their water, Canada 45%, U.S. 74%, Australia 70%, New Zealand 50%, Brazil 60%, Chile 70%, Spain 10%. A 2003 survey of over 500 Europeans from 16 countries concluded that "the vast majority of people opposed water fluoridation". For explanations of why these countries chose not to fluoridate, visit www.fluoridealert.org/govt-statements.htm

In closing, fluoride is the only chemical that is added to water for medical treatment. All other chemical additives are to improve water quality and safety. Fluoridation is mass medication of the population with a controlled substance without the knowledge or consent of the participants. This is unethical.

Sincerely,

9/6/2012

182618

185612

Diane Schendel
5259 SW Idaho St.
Portland, Oregon 97221
503-246-0661

185612

Moore-Love, Karla

From: Adam Blackman [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 8:38 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I consider the poisoning of a cities drinking water to be a crime. Fluoride has been proven to calcify in the pineal gland and reduce intelligence. Those responsible for putting these chemicals in our water should be held responsible and tried in a court of law for crimes against humanity.

Adam Blackman
portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

185612

Moore-Love, Karla

From: C.R. W. [crdoubleu99@ymail.com]**Sent:** Thursday, September 06, 2012 8:14 AM**To:** Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Moore-Love, Karla**Subject:** Flouride plan doesn't hold water

Hello,

I'm writing in opposition to adding flouride to Portland's water supply. Let those who want this controversial substance in their toothpaste carry on, but I see no rational reason why everyone should have to suck it up from the tap 24/7. Someone has apparently decided that this is out of the public's decision making process according to reports. I urge you all to think critically and make a more sound decision about this matter. I'm already dealing with chronic health issues and must consider potential impact from additional neurotoxins added to the drink. Not everyone can afford bottled water much of which is terrible for the environment anyway.

Please consider an ethically sound course of action and cancel the flouridation plans. There is too much controversy and something like this can smear the city's reputation and actually cause people to want to leave.

Thanks, C.W

Moore-Love, Karla**185612**

From: Rhiannon Henning [mailto:mail@change.org]
Sent: Thursday, September 06, 2012 8:03 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Rhiannon Henning
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

Moore-Love, Karla

185612

From: Sharlane Blaise [sharlane@sblaise.com]
Sent: Thursday, September 06, 2012 7:22 AM
To: Moore-Love, Karla
Subject: For The Record, Agenda Item 997

For The Record, Agenda Item 997

To: Portland City Council Commissioners

As I am unable to attend the meeting today, I am sending the talking points I would address in person. This decision is huge and should be given much greater time. You have fought permanent covering and unnecessary treatment of the reservoirs for so long, why would this LT2 decision be railroaded through so fast? Buried reservoirs have caused greater contaminations problems.

Support the alternate LT2 compliance strategy for reservoirs as outlined by Commissioner Fritz because...

- This option costs less -- an estimated \$138 million less in immediate savings, more when you consider the costs to repair Mt. Tabor park and to pay interest.
- This option protects the recent \$40 million ratepayer investment in open reservoir upgrades, for which we are still paying.
- This option retains more water storage capacity, and for less money, than the buried reservoir plan.
- This option supports a dual track approach, preserving the functionality of the reservoirs while the LT2 Rule is revised.
- This option provides the greatest opportunity for our Congressional delegation to participate in Congressional efforts from New York, Bend, etc.

Respectfully submitted,

Sharlane Blaise

941 SE 55th Ave.
Portland, OR 97215

9/6/2012

Moore-Love, Karla

185612

From: Jean Aalseth [jeana@easystreet.net]
Sent: Thursday, September 06, 2012 7:04 AM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Leonard, Randy; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: Please do not add fluoride to the water
Importance: High

Dear city leaders,

I am very concerned about the proposal to add fluoride to Portland's water. Our pristine water is the best in the world as is. Please leave it to the majority vote of the citizens to decide if we want fluoride in our water or not.

It is not true that fluoride in the water is necessary to prevent tooth decay. I was raised on well water with no fluoride in it, yet I have no cavities. The key is brushing your teeth. If people choose to do so, their dentist can provide a fluoride treatment.

Our water is very expensive. Adding fluoride will further increase the cost of the water, while at the same time reducing its value.

Thank you for your attention to this matter.
Best regards,

Jean Aalseth
5361 SE 38th Avenue
Portland Oregon 97202

Moore-Love, Karla

185612

From: jon sommerville [mailto:jon@change.org]
Sent: Thursday, September 06, 2012 3:03 AM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Get your corrupt bureaucracy away from the drinking water.

jon sommerville
 Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

18281

185612

Parsons, Susan

From: Lisa Gorlin [lianagan@hotmail.com]
Sent: Wednesday, September 05, 2012 12:05 AM
To: Parsons, Susan
Subject: RE: For The Record - Urgent - "No" vote requested on item 1003 (Fluoridation Ordinance)
 Susan,

Has this been entered into the record? Please send me confirmation.

Thanks,

Lisa

From: lianagan@hotmail.com
 To: susan.parsons@portlandoregon.gov
 Subject: For The Record - Urgent - "No" vote requested on item 1003 (Fluoridation Ordinance)
 Date: Mon, 3 Sep 2012 20:06:40 -0700

Dear Ms. Parsons,

I sent this testimony to Karla Moore-Love to enter in the record in opposition to the fluoridation ordinance scheduled for a City Council vote on Thursday afternoon. I wasn't sure if you were handling this or if she was, so I'm also sending it to you.

Thanks,

Lisa Gorlin

Lisa C. Gorlin
 6336 NE Pacific Street
 Portland, OR 97213

September 3, 2012

Dear City Councilors,

I strongly oppose water fluoridation and I have included some facts showing that water fluoridation is a dangerous practice with no solid science to back it up. Furthermore, the imposition of fluoridation upon the public is unethical.

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. All drugs, prescription, or not contain recommended dosage amounts for different individuals. The fluoridation of water is unethical because it violates informed consent. First, the dose cannot be controlled. Every person drinks a different amount of tap water each day, therefore, each person unknowingly consumes a different amount of fluoride. Secondly, everyone receives this fluoride treatment regardless of their age, health or vulnerability. This can be especially dangerous for

9/5/2012

185612

babies. Infants consuming formula made with fluoridated water have the highest exposure to fluoride, by body weight. 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. 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 in adolescents.

There have been over twenty-three human studies and one hundred animal studies linking fluoride to brain damage. The U.S. EPA has listed fluoride as 1 of 100 chemicals for which there is "substantial evidence of developmental neurotoxicity." Additionally, the National Research Council said, "the consistency of the results appears significant enough to warrant additional research on the effects of fluoride on intelligence." A recently published Harvard University meta-analysis funded by the National Institutes of Health has concluded that children who live in areas with highly fluoridated water have "significantly lower" IQ scores than those who live in low fluoride areas. "

There are many studies that show that fluoride also effects thyroid function. Symptoms include depression, fatigue, weight gain, muscle and joint pains, increased cholesterol levels, and heart disease. Fluoride has also been linked to: bone damage (in the elderly) and reproductive problems.

Long lost research linking water fluoridation to cancer has resurfaced in a Dutch film clip featuring Dr. Dean Burk. Dr. Burk co-authored one of the most frequently cited papers in the history of biochemistry, "The Determination of Enzyme Dissociation Constants," published in the Journal of the American Chemical Society in 1934. In 1937, Dean became a co-founder of the US National Cancer Institute (NCI), and headed its Cytochemistry department for over three decades. In the taped interview, Dr. Burk equates water fluoridation with "public murder" referring to a study that had been done on the ten largest U.S. cities with fluoridated water compared to the ten largest cities without it. In the Congressional Record on July 21, 1976, Dr. Burk stated: "In point of fact, fluoride causes more human cancer deaths and causes it faster than any other chemical."

In addition to the strong evidence linking fluoride with serious health problems and even death, it has been proven that fluoridation is also not a substitute for regular dental care and hygiene such as brushing and flossing. Funds would better be spent on education and subsidies for low income residents for regular dental cleanings. In Harlem, NY, which has been fluoridated for 32 years, a May 2000 American Dental Association report shows, "There's more dental decay among these kids; we see the beginning of inflamed gingivitis in their mouths."

It is also now known that fluoride's only 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. And 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.

Respected medical professionals and scientists worldwide are warning of the long-term health consequences of water fluoridation. Dr. Charles Gordon Heyd, past president of the American Medical Association states: "I am appalled at the prospect of using water as a vehicle for drugs. Fluoride is a corrosive poison that will produce serious effects on a long range basis. Any attempt to use water this way is deplorable."

185612

Dr. Hirzy, EPA Sr. Scientist, called for a "moratorium on fluoridation" as he testified before the U.S. Senate on June 29, 2000 about the dangers of water fluoridation. Citing numerous studies he said that when the relative toxicity levels of lead, fluoride, and arsenic were compared, fluoride is slightly less toxic than arsenic and more toxic than lead. The federal maximum contaminant level (MEL) for lead is 15 parts per billion (pub), with the EPA recommending 5 pub for arsenic; yet the maximum contaminant level for fluoride has been established by EPA at 4000 pub.

Dr. William Marcus, Senior Toxicologist at the EPA states: "The EPA should act immediately to protect the public, not just on the cancer data, but on the evidence of bone fractures, arthritis, mutagenicity and other effects."

More than 3,700 professionals have signed a statement calling for an end to water fluoridation worldwide. It has become clear that when stripped of its endorsements, well-meaning intentions, and PR-praise, fluoridation simply makes no sense.

There is certainly no justification to adding five million dollars to already overburdened ratepayers for a non-existent health benefit. This transaction will only benefit industry as it allows the manufacturers of computer chips, fertilizers, and aluminum and steel products to save large amounts of money by simply dumping their toxic waste products on the misguided public and literally washing their hands of it.

Europe reached this conclusion a long time ago. It is now time for the U.S. to follow suit. Fluoride should not be added to drinking water for our and our children's safety.

As a constituent, and on behalf of the citizens of Portland, Oregon, I strongly urge you to vote no on the ordinance that would authorize and direct the Portland Water Bureau to fluoridate the City of Portland's public drinking water supply.

Thank you.

Sincerely,

Lisa C. Gorlin

185612

Moore-Love, Karla

From: chan sou [chansou2003@yahoo.com]
Sent: Wednesday, September 05, 2012 10:35 PM
To: Moore-Love, Karla
Cc: Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Subject: My testimony
Attachments: water fluoridation testimony2.docx

Commissioners and Mayor Adams,

I have attached my testimony in favor of fluoridating Portland's water. I have also copied and pasted my testimony below just in case you all have trouble opening the file.

Please let me know if you have any questions.

Thanks,
 Channbunmorl (Chom) Sou

Good afternoon Commissioners and Mayor Adams,

<!--[if !supportLineBreakNewLine]-->

<!--[endif]-->

Thank you for giving the community and myself the opportunity to speak about this issue. My name is Channbunmorl Sou, but people call me Chom for short. I was born and raised here, and that makes me a true Portlander. Because my parents are immigrants, our family struggled a lot financially. This struggle also affected our health. When I was a child and even now up into my adulthood, I have had cavities. Because of this, I have always felt bad about my teeth.

<!--[if !supportLineBreakNewLine]-->

<!--[endif]-->

Just recently, I found out that Portland's water was not fluoridated; I was shocked and appalled. There is a lot of support within the scientific community that fluoridating our water reduces dental decay by 20-40%. The Center for Disease Control and Prevention even proclaimed community water fluoridation as one of the greatest public health achievements in the 20th century.

Because of my dental health issues and our financial struggles, the state had to subsidize the costs of my reactive dental care which was quite frequent. This cost the state and taxpayers more than if I were to have regular preventive care. Research from the CDC states that for every \$1 spent on fluoridation, it saves \$38 that would be spent on dental care. We could be saving money and prevent painful tooth decay for our communities by fluoridating our water.

Commissioners and Mayor Adams, I urge you to keep in mind the immigrant and refugee communities and children who live here in our city and are generally voiceless in voting--I hope you will consider their interests when making your decision. I strongly encourage you to vote in favor of fluoridating our water.

It is not only benefiting me, but it is also benefiting our family, friends and community as well.

Thank you.

Good afternoon Commissioners and Mayor Adams,

18561²
-

Thank you for giving the community and myself the opportunity to speak about this issue. My name is Channbunmorl Sou, but people call me Chom for short. I was born and raised here, and that makes me a true Portlander. Because my parents were immigrants, our family struggled a lot financially. This struggle also affected our health. When I was a child and even now up into my adulthood, I have had cavities. Because of this, I have always felt bad about my teeth.

Just recently, I found out that Portland's water was not fluoridated; I was shocked and appalled. There is a lot of support within the scientific community that fluoridating our water reduces dental decay by 20-40%. The Center for Disease Control and Prevention even proclaimed community water fluoridation as one of the greatest public health achievements in the 20th century.

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Commissioners and Mayor Adams, I urge you to keep in mind the immigrant and refugee communities and children who live here in our city and are generally voiceless in voting--I hope you will consider their interests when making your decision. I strongly encourage you to vote in favor of fluoridating our water.

It is not only benefiting me, but it is also benefiting our family, friends and community as well.

Thank you.

185612

Moore-Love, Karla

From: Sherry Wade [mailto:change.org]
Sent: Wednesday, September 05, 2012 10:22 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I feel that this is an issue that needs to be voted on by the citizens of Portland. Just because most cities in the U.S. fluoridate their water does not make it a good idea and that we should follow suit. Many countries in Europe do not fluoridate their water and they also don't allow GMOs in their food and in general have a much saner approach to public health than in this country which is run by corporations to the public detriment; i.e. no safety standards on cell phone towers, etc.. This may be a separate issue but my drift is that we are not even allowed to protest a cell phone tower based on health concerns, and now City Council wants to push fluoridation despite the fact that Portlanders have voted it down several times.

185612
Sherry Wade
Portland, Oregon

185612

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, click here

185612

Moore-Love, Karla

From: Machaila Budgeon [mailto:change.org]
Sent: Wednesday, September 05, 2012 10:07 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Machaila Budgeon
Spokane, Washington

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

185612

Moore-Love, Karla

From: traci silverman [mailto:traci@change.org]
Sent: Wednesday, September 05, 2012 9:45 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

traci silverman
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

185612

Moore-Love, Karla

From: Angela Molloy Murphy [mailto:change.org]
Sent: Wednesday, September 05, 2012 8:37 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

I don't want medicine of any kind in the water supply.

Angela Molloy Murphy
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

510281
Moore-Love, Karla

185612

From: lawn debri [lawndebri@yahoo.com]
Sent: Wednesday, September 05, 2012 8:21 PM
To: Adams, Mayor; Commissioner Fritz; Commissioner Fish; Commissioner Fish; Commissioner Saltzman
Cc: Moore-Love, Karla
Subject: No Fluoride in Portland's Drinking Water

To Portland City Council: **Sam Adams, Mayor, Amanda Fritz, Nick Fish, Randy Leonard, Dan Saltzman**

I write today because nothing on this planet lives without water. Mother nature has provided Portland with pristine " Bull Run" water for over a hundred years there is NO need to medicate it now. Recycled waste from the phosphate fertilizer companies can not out preform with their toxins what Mother Nature does naturally and unadulterated. Water purity is the pinnacle to good health for our children and our communities.

Dental Health is important, but systemic fluoridation is not the answer to a topical need. City Council should know we care about the under insured and their dental health. That we support Portland's desire to assist those in need through outreach programs that include education, nutrition, oral hygiene, and free dental clinics for those most in need. These dental clinics could also provide "topical dose specific" fluoride targeting the community in need, more specifically.

Note the CDC states definitively that "fluoride's predominant effect is posteruptive and topical..." (1) Stated another way, the benefit is not from swallowing the fluoride, but applying it directly to the tooth.

City Council, health care organizations, and our health care providers that endorse fluoridation, can develop outreach programs for communities at risk. The cost to implement such a systemic water fluoridation program could be more cost effective if targeted at populations and communities at risk as well as providing age appropriate and dose appropriate topical care.

Ask yourself does it make sense to have a "one dose fit all" approach, for an entire city population? What about consideration for those at risk due to high exposure of fluoride in bottled beverages and other foods such as those contaminated with fluoride-based pesticides?

There is no known safe dosage

We are concerned about the source of fluoridation being proposed for Portland's water fluoridation program. One should recognize the growing body of scientific evidence questioning the practice of adding fluoride in the forms of silicofluoride and fluosilic acid to water programs. Please note that prior recommended dosage from the U.S. EPA ranged from 0.7 to 1.2 parts per million (ppm). This was recently downgraded to a maximum of 0.7 ppm due to growing concerns of risks to communities including the risk of dental fluorosis.

6. The source proposed has never been approved by the FDA for systemic use.

We are aware that hydrofluorosilicic acid is a liquid most likely sourced from Solvay, per David Shaff's office of the Portland Water Bureau. Solvay is a major agrochemical producer. The compound is a result of extensive phosphate fertilizer production, and combined with sodium fluorosilicate make up 90% of our nation's systemic water

185612

fluoridation programs. Hydrofluorosilicic acid has never been scientifically proven to prevent tooth decay, **nor has it been approved by the FDA for systemic use.**

7. Topical application is not the same as systemic application

Even those that are in support of fluoridation programs are in support of topical application, not systemic. The literature from the American Dental Association's own journals are clear that application is most successful topically and not systemically.

Although no randomized, controlled studies have ever been done on fluoridation (which would help to prove its safe use), the largest ever survey conducted to date, done by the National Institute of Dental Research in 1986-7 (over 39,000 children in 84 geographical areas), found only a tiny difference in tooth decay between the always- and never-fluoridated groups of children (less than one out of approximately 120 tooth surfaces saved), but a significant difference in the incidence of dental fluorosis, permanent damage to teeth from **overexposure to fluoride during tooth development**. Of the "optimally" fluoridated group, 29.9 percent had fluorosis compared to 13.5 percent in the non-fluoridated children. (9)

8. International recommendations are against systemic application

We are aware the **International Academy of Oral Medicine and Toxicology** does not endorse water fluoridation programs due to fluorides ability systemically to inhibit enzymes and interfere with collagen health. (10)

Credible, recent, peer-reviewed science raises legitimate questions over adverse health effects, even at the so-called "optimal" level, with a focus on **bone pathology (including osteosarcoma and increased hip fracture in the elderly), kidney, thyroid, and brain damage**. As much as promoters want to dismiss concerns, the science is by no means settled and trends toward more concerns, not fewer.

For complete references and more information regarding systemic fluoridation and health risk visit the Fluoride Action Network, www.fluoridealert.gov. (11)

9. Other developed Countries have found better more cost effective solutions.

Other developed counties such as those in Europe, do not have water system fluoridation programs due to growing concern of systemic illness and lack of cost effectiveness. Some provide, for those who desire fluoride in systemic form, **table salt with fluoride additive**, thereby supporting their citizen's right to choice and informed consent while keeping costs at a minimum.

10. New concerns continue to appear.

We are aware that there is a just published, Harvard meta-analysis showing reduced IQ due to systemic water fluoridation programs and total fluoride exposure. (12) Below is a summary of some of the study findings forwarded from a colleague.

"Several of the studies had a "low F" group with around 0.5 mg/L and a "high F" group with 2-3 mg/L. These levels are so close to the F levels in artificial fluoridation, that it is completely wrong for Pew to suggest these studies only dealt with levels of F that are much higher and therefore irrelevant to artificial fluoridation.

Even if the effect is relatively small, and most of the studies had deficiencies, the fact that by 10 to 1 they found that the "high F" group had lower IQ than the "low F" group suggests this is likely to be a real effect. Since the studies were carried out in many different places, using different methods and researchers, it is hard to imagine a systematic bias in all of these studies that would result in all of them producing spurious findings that F lowers IQ. Also, only a single study found that "high F" kids had higher IQ than "low F kids", and that was by a very small amount that was not statistically significant. Such consistency in results amongst 27 studies demands a follow-up with higher quality studies, rather than a dismissal because the studies had various weaknesses."

185612

I hope you find this information illuminating and give it fair consideration when making this very monumental decision. I as a citizen of Oregon do not give my consent to be forced medicated. I have severe chemical sensitivity and systemic use of fluoride is an attack on my immune system.

If the city council are truly are concerned about the public health than they will keep Portland's drinking water pristine and not add any more chemicals. Studies show topical use of fluoride is were the benefits derived not systemically.

Sincerely

Ninette Jones

7637 N. Interstate

Portland, Oregon

97217

Choi A, et al. (2012). Developmental Fluoride Neurotoxicity: A Systemic Review and Meta-Analysis. National Institute of Health. [http:// dx.doi.org/10.1289/ehp.1104912](http://dx.doi.org/10.1289/ehp.1104912)

Mosaic MDS for fluoride product (scroll to bottom of document):

http://www.mosaicco.com/images/Hydrofluosilicic_Acid_05_11.pdf; Solvay LLC's disclaimer here:

<http://www.scribd.com/doc/39616609/Fluorosilicic-Acid-Hydrofluorosilicic-Acid-HFS>

185612

Moore-Love, Karla

From: sally brodigan [mailto:change.org]
Sent: Wednesday, September 05, 2012 8:16 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

The Portland area is fortunate to have pristine Bull Run water. Fouling that water with fluoride is ridiculous. Fluoride tablets are available for those citizens who want to add fluoride to their own water. Portland breweries will never be the same having to filter out or use fluoridated water, it will drive up the cost of beer.

sally brodigan
salem, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

Moore-Love, Karla

185612

From: Debora Myers [mailto:change.org]
Sent: Wednesday, September 05, 2012 8:04 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Debora Myers
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/6/2012

6 September 2012

AUDITOR 09/06/12 AM10:59

Portland Oregon City Council
1221 SW 4th Avenue
Portland, Oregon 97204

Sam Adams, Mayor
Nick Fish, Commissioner
Amanda Fritz, Commissioner
Randy Leonard, Commissioner;
Dan Saltzman, Commissioner
Karla Moore-Love, Portland City Council Clerk

Regarding water fluoridation in Portland Oregon.

A double-blind study verified I am allergic to fluorides. People like me are as allergic to fluorides as others are to penicillin or any other drug. Would you advocate adding penicillin to the drinking water?

As a person allergic to fluorides I chose to live in Portland BECAUSE Portland's public water supply is NOT fluoridated.

The proposed addition of fluorides to the drinking water is direct threat to my health, my livelihood, and my quality of life.

Unlike all other water treatment processes, fluoridation does not treat the water itself, but the person consuming it. The Food & Drug Administration says that fluoride is a drug, not a nutrient, when used to prevent disease. By definition, therefore, fluoridating water is a form of mass medication.

Once fluoride is put in the water it is impossible to control the dose each individual receives because people drink different amounts of water. Being able to control the dose a patient receives is critical. In addition, fluoride is NOT an essential nutrient. No disease, not even tooth decay, is caused by a "fluoride deficiency." **Not a single biological process has been shown to require fluoride.**

Those promoting fluoridation rely heavily on a list of endorsements. However, the U.S. Public Health Service first endorsed fluoridation in 1950, before one single trial had been completed and today the continued use of endorsements has more to do with political science than medical science. While pro-fluoridation officials continue to promote fluoridation they usually refuse to defend the practice in open public debate – even when challenged to do so by reputable organizations such as the Association for Science in the Public Interest, the American College of Toxicology, or the U.S. EPA. Dr. Edward Groth, a Senior Scientist at Consumers Union,

observed that, “the political profluoridation stance has evolved into a dogmatic, authoritarian, essentially antiscientific posture, one that discourages open debate of scientific issues.”

In a Congressional investigation by the House Committee on Science, the Environmental Protection Agency, Center for Disease Control, National Sanitation Foundation, and the Food and Drug Administration, all replied that they have no scientific studies on the actual fluorine-bearing substances used in 90% of the nation's fluoridation programs.

The Journal of the American Dental Association clarified for every dentist in America that **ingestion of fluoride does not provide any significant reduction in the incidence of tooth decay** — that any beneficial dental effect is as a result of topical application directly to the tooth.

The FDA states that fluoride is a regulated drug when used for the treatment or prevention of disease, and that **no fluoride substance** intended to be ingested for the purpose of reducing tooth decay **has ever been approved for safety and effectiveness.**

Recent testing by the National Sanitation Foundation reported the chemicals used to fluoridate water are contaminated with arsenic. The fluoridation chemicals are not pharmaceutical grade - they are classified as hazardous wastes.

The American Dental Association (ADA), the most ardent institutional proponent of fluoridation, **distributed a November 6, 2006 email alert to its members recommending that parents be advised that formula should be made with “low or no-fluoride water.”** Unfortunately, the ADA has done little to get this information into the hands of parents. As a result, many parents remain unaware of the fluorosis risk from infant exposure to fluoridated water.

The American Dental Association and American Academy of Pediatrics have revised their recommendations for controlled-dose fluoride which restricts a doctor from prescribing fluoride to a child of 6 months to 3 years of age to the amount found in one cup of fluoridated water - none to an infant - meaning that, as a public policy, fluoridation mass medicates at a higher expected dosage than a doctor in a non-fluoridated community can prescribe; and infants who are bottle fed should NOT consume formula mixed with fluoridated water.

The highest rates of tooth decay today can be found in low-income areas that have been fluoridated for many years. The real “Oral Health Crisis” that exists today in the United States, is not a lack of fluoride but poverty and lack of dental care. The Surgeon General has estimated that 80% of dentists in the US do not treat children on Medicaid.

Public health policy must be based on sound science, not political expediency.

Please use the Precautionary Principle. Where there is doubt, leave it out.

Please protect Portland's high quality drinking water. Do not fluoridate.

Sincerely,



Sean Hinckley
12616 SE Madison Street
Portland

Dr. Sandra K. Burns, D.C.
10175 SW Barbur Blvd. Ste. 212B
Portland OR 97219
503-244-1171



185612

AUDITOR 09/06/12 AM 9:33

TO FLUORIDATE PORTLAND'S PRISTINE WATER SUPPLY OR NOT

I do understand that you, Mayor and Commissioners, want to help children with their dental problems.

You do know that there are 4 medical schools in this town. Each year, there are many in this very city, who have earned their right to be called doctors, and are charged with the Prime Directive, to **DO NO HARM!**

Right now, doctors of dentistry, medical doctors, and naturopathic doctors have the ability to prescribe Fluoride Tablets and rinses to their patients. They have earned this right and privilege. Yet, they are careful to **DO NO HARM!**

In this 21st Century, we are at a stage in our evolution in which we can now review previous theories. In our case, it is the **theory that Fluoride is good for teeth**, but what about the rest of the body? Organ systems had not been tested in the past.

In the last 10 years, scientists have been testing Fluoride to see what effect it has on other organs of the body. What did they find?

1) **Kidney Dysfunction**: The main "filter" of the body was becoming dysfunctional.

2) **Thyroid Dysfunction**: This result stems from the fact that in our periodic chart, Fluoride is in the same family as IODINE. Iodine is natural to the body as the thyroid gland uses it. We found out in the Hanford Nuclear Plant accidents that the plumes of Radioactive Thyroid could and did destroy many people's thyroids that were downstream from the plant. Fluoride is being tested to see if it is part of this dysfunction as it takes Iodine's place in the thyroid gland.

3) Since Fluoride is **a Neuro-Toxin**, what is it doing to the brain and all the neurotransmitters? Will we really know before we die of Alzheimer? Studies are underway.

ALL OF THESE TESTS ARE BEING PERFORMED DUE TO NEW TECHNOLOGY AND MEASURING DEVICES, ESPECIALLY IN THE LAST 10 YEARS.

No doctor wants to harm anyone. Side Effects may be present, but are they transient or permanent? **To do no harm, means no permanent side effects.**

May you, in your God Given Wisdom, choose to **DO NO HARM!**

*alternatives: Vit D3 is the fastest growing laboratory test in Portland.
Vit D3 affects all bones, including teeth.
Most Physicians are recommending it!
D. De*

Moore-Love, Karla

185612

From: Douglas Bloch [mailto:change.org]
Sent: Wednesday, September 05, 2012 3:26 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Douglas Bloch
Portland, OR, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Moore-Love, Karla

185612

From: Phineas Warren [mailto:change.org]
Sent: Wednesday, September 05, 2012 3:39 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

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Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

Something that may cause harm shouldn't be mandatory.

Phineas Warren
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

Moore-Love, Karla

185612

From: Charlie Keating [charlie.keating@wk.com]
Sent: Wednesday, September 05, 2012 3:44 PM
To: Gonzalez, Cevero
Cc: Moore-Love, Karla; Johnson, Aaron H.
Subject: Portland's Drinking Water

Hello,
Please keep fluoride out of our drinking water.
Thank you.

-Charles Keating

185612

Moore-Love, Karla

From: justin lowe [justin.lowe@gmail.com]
Sent: Wednesday, September 05, 2012 3:46 PM
To: Johnson, Aaron H.
Cc: Moore-Love, Karla
Subject: Comment

Dear Mr. Leonard.

I voted for you, and have appreciated your ideas - including the Portland Loo. And better than having just an idea you put it into action, so I commend you for that.

I write today on the subject of fluoride and would like to say-

if fluoride is to be added to the city drinking water, then it is only fair that the public should get to vote on the matter.

I am not paranoid about fluoride and realize that it will help some with little access to dental care and that's great.

But I do like the idea of Portland keeping its drinking water pure. Why add chemicals? Why not provide more access to affordable dental care?

Thank you for taking the time to read my comments

Justin

Portland, Oregon

Moore-Love, Karla

From: Frank Zdybel [fzdybel@comcast.net]
Sent: Wednesday, September 05, 2012 3:46 PM
To: Moore-Love, Karla
Subject: RE: Communication Request

Hi Karla -

Try again for the second Wednesday in October, I suppose. Sorry, I didn't know until Friday that this trip was going to happen. Clients don't give me much advance notice. Best,

frank

At 05:10 PM 9/4/2012, you wrote:

>Hi Frank,
>
>Thank you for letting me know that you are not able to make it this
>Wednesday. Unfortunately, the agenda has already been done and your
>name is on it.
>
>Our policy will not allow you to sign up again until October.
>Currently, all Wednesdays are available in October but, Commissioner
>Leonard will be absent the first week.
>
>Let me know when you are ready to reschedule.
>
>Regards,
>Karla
>
>Karla Moore-Love | Council Clerk
>City of Portland | Office of the City Auditor
>1221 SW 4th Ave Rm 140
>Portland OR 97204-1900
>email: Karla.Moore-Love@portlandoregon.gov
>503.823.4086 | fax 503.823.4571
>Clerk's Webpage: www.portlandoregon.gov/auditor/councilclerk
>
>
>-----Original Message-----
>From: Frank Zdybel [mailto:fzdybel@comcast.net]
>Sent: Friday, August 31, 2012 7:32 PM
>To: Moore-Love, Karla
>Cc: Sollinger, Margie
>Subject: RE: Communication Request
>
>Hi Karla -
>
>We will need to find another slot. Today I found out I'll be in Durham
>NC next week. Thanks
>
>frank

>

>At 05:32 PM 8/15/2012, you wrote:

> >Please let me know if you are not able to make it.

185612

Moore-Love, Karla

185612

From: Claire Houston [mailto:mail@change.org]
Sent: Wednesday, September 05, 2012 3:51 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

We have the best drinking water in the world! Let's keep it that way.

Claire Houston
Portland, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

9/5/2012

185612

Moore-Love, Karla

From: Daniel Ornelas [dornelas@vgmhc.org]
Sent: Wednesday, September 05, 2012 4:31 PM
To: Adams, Mayor
Cc: Commissioner Fritz; Moore-Love, Karla; Commissioner Fish; Commissioner Saltzman; Leonard, Randy
Subject: In support of water fluoridation

Dear Mayor Adams, and City Council commissioners,

My name is Daniel Ornelas, Office Operations Manager for the dental clinics at Virginia Garcia Memorial Health Center, which predominantly serves low income, Oregon Health Plan insured and uninsured children and adults.

As the dental office manager, I experience on a regular basis the hurdles that our patients' families go through when their children are too young and suffering from rampant caries to the point of needing a referral to a specialist. Some of these hurdles include:

- Getting lost while trying to find the specialist's office.
- Being unable to communicate with the specialist's office to schedule an appointment.
- Missing their appointments due to them not understanding scheduling instructions.
- Having to wait days or even weeks for an available appointment and...
- Facing other barriers such as lack of childcare and transportation.

From my professional standpoint and also on a personal note, it is a shame that we are not doing more to prevent this from happening. We have something that is safe, proven effective, and cost-effective that could at least decrease the current cavity problem that we see.

I also happen to be a very proud father of a 13-year old girl. When she was still a toddler, we asked her physician to prescribe fluoride tablets for her since the community we lived in did not have fluoridated water. Thanks to this, she has never suffered from dental pain caused by caries and, with good oral health habits and discipline she has healthy and caries-free teeth.

Our community and future generations, would benefit from the protection of access to fluoridated water and we are counting on you making the right choice in providing it.

Sincerely,

Daniel Ornelas

Dental Office Operations Manager
 Virginia Garcia Memorial Health Center
 Ph: (503) 352-8541
 Cell: (503) 866-5142
 Fax: (503) 359-8535

This email/attachment is confidential and may be legally protected. It is intended solely for the addressee; access to this email/attachment by anyone else, unless expressly approved by the sender or an authorized addressee, is unauthorized. Disclosure, copying, distribution or any action taken in reliance on it, is strictly prohibited and may be unlawful. If you have received this e mail/attachment in error, please delete the related e-mail and all attachments and notify

9/5/2012

185612
the sender immediately (reply e-mail).

185612

Moore-Love, Karla

185612

From: gallendmd@comcast.net
Sent: Wednesday, September 05, 2012 4:56 PM
To: Adams, Mayor; Leonard, Randy; Commissioner Saltzman; Commissioner Fish; Commissioner Fritz
Cc: Moore-Love, Karla
Subject: Fluoridation Support

I am unable to attend tomorrow's public hearing on fluoridation of Portland's water system due to work commitments. However, I want to be certain my voice in support of water fluoridation is heard by the City Council.

I am a native Oregonian, a resident of Portland and an oral health care provider. After graduating from dental school in Portland, I served 26 years in the Army treating soldiers and their family members from communities throughout the United States. My observations and experience are consistent with countless clinical studies that show significantly less dental disease in individuals who had the benefit of growing up in fluoridated communities. Water fluoridation is an effective, safe and affordable public health measure.

I strongly urge the City Council to help fight the epidemic of dental disease in our city and our state by voting in favor of fluoridating Portland's water system.

Thank you for your consideration.

Gary W. Allen, DMD, MS

503-329-6070
gallendmd@comcast.net

Moore-Love, Karla

185612

From: Joseph Santos-Lyons, APANO [jsantoslyons@apano.org]
Sent: Wednesday, September 05, 2012 5:50 PM
To: Moore-Love, Karla; Adams, Mayor; Commissioner Fritz; Commissioner Saltzman; Leonard, Randy; Commissioner Fish
Cc: Healthy Teeth

Subject: APANO Public Statement: Fluoridated water: the safe, effective solution to our dental health crisis
 September 5th, 2012

Dear Mayor Sam and Commissioners -

Oregon is in the midst of a dental health crisis that is threatening our children's health and educational success. One third of Oregon children have tooth decay, and that rate is even higher in communities of color, and in many of our Asian and Pacific Islander communities. The solution is a combination of education, better access to dental care, and fluoridated water.

For many of our communities, particularly immigrants and refugees, our children face rampant dental decay. This has lifelong consequences. Asian and Pacific Islander children face a real disparity, with fewer than 15 percent visiting a dentist by age two.

Our children who have cavities and are in pain miss more school days on average, have trouble eating and speaking, and have life-long health issues and costs. Dental decay is expensive for individual families, accounts for 30 percent of all healthcare costs for children, and drives up healthcare costs for everyone. And yet it is 100 percent preventable.

APANO, the Coalition of Communities of Color, Asian Health and Service Center, the Philippine American Chamber of Commerce of Oregon, and over 70 institutions and community groups have joined with every major health care organization in the country, from the Centers for Disease Control and Prevention to the National Institutes of Health, in recognizing that fluoridation is safe and effective. It's the best way to ensure that every child, regardless of race, ethnicity or income, has access to the most important cavity-prevention measure.

Studies have shown that fluoridated water reduces dental decay by 30 percent. In the last 40 years, there have been more than 3,700 studies of its safety and effectiveness. Fluoridated water has been used for more than 65 years by hundreds of millions of Americans, and currently 74% percent of Americans drink it every day. It also saves us money: For every \$1 spent fluoridating water, a community can expect to save \$38 in dental costs.

The Everyone Deserves Healthy Coalition has formed to say that Oregon's dental health crisis is not acceptable for our children and that fluoridating Portland's water is the right investment to make now for our children's health and educational success, for social justice and for economic prosperity.

Signatories (*affiliations listed for identification purposes only*)

1. Kathy Delumpa Allegri, Allegri Wine & Art Gallery
2. Ronault LS Catalani,

9/5/2012

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3. Jennifer Chang, MPH
4. Jeannette Pai-Espinosa
5. Vui Talitu Dr. Toeutu Faaleava, Samoa Pacific Development Corporation
6. Anuradha Jairam, Program Co-ordinator, Family And Community Empowerment (FACE) a program of MESO
7. Dr. Gregory Garcia, MD
8. Dr. Melissa Goebel, Internal Medicine, Legacy Health Systems
9. Dr. Jessica Gregg, Associate Professor of Medicine, OHSU
10. Helena Huang, NW Health Foundation
11. Dr. Cyrus Lee, President, Chinese American Citizens Alliance - Portland Lodge
12. Jaime Lim, Philippine American Chamber of Commerce of Oregon
13. Dr. Connie Masuoka
14. Kim Nguyen, Interpretation/Translation Services, Portland Public Schools.
15. Thach Nguyen, Multnomah County Juvenile Court Services.
16. Dr. Connie Nguyen-Truong, Researcher, OHSU School of Nursing
17. Suk Rhee, Northwest Health Foundation
18. Gauri Rajbaidya, Asian Pacific American Network of Oregon
19. Christine Chin Ryan, President, Synergy Consulting, Inc.
20. Aimee Santos-Lyons, Western States Center
21. Rev. Joseph Santos-Lyons, Asian Pacific American Network of Oregon
22. Betsy Tam Salter, Multnomah County Democrats
23. June Arima Schumann, Asian Pacific American Network of Oregon
24. Ping Khaw Sutherland
25. Carol Suzuki, Asian Pacific American Network of Oregon
26. Elizabeth Takahashi, MPH
27. Dr. Dennis Tan, MD
28. Tuyen Tran, MPA-HA
29. Dr Thuy Tran, Rose City Vision Care, Parkrose School Board
30. Lillian Tsai, TsaiComms LLC
31. Sandy Tsuneyoshi, Asian Pacific American Network of Oregon
32. Dr. Farzin Turk, dentist
33. Dr. Anselmo Villanueva, Asian Pacific American Network of Oregon
34. Khalid Wahab, JD MPH, Former Chair Oregon Environmental Justice Task Force
35. Mari Watanabe, Oregon Commission on Asian and Pacific Islander Affairs
36. Byron Wong, Thymos and Bigwowo.com
37. Dr. Phil Wu, Kaiser
38. Jean Yamamoto, Asian Pacific American Network of Oregon
39. Helen Ying, Chinese American Citizen's Alliance Portland Lodge
40. Julie Yu, MD
41. Justin Yuen

Joseph

Like us on [Facebook](#) | Follow us on [Twitter](#)

Rev. Joseph Santos-Lyons, Development and Policy Director [[calendar](#)]
 Asian Pacific American Network of Oregon [[directions](#)]
 O: 971-340-4861 | M: 503-512-0490 | www.apano.org

We envision a just and equitable world where Asians and Pacific Islanders are fully engaged in the social, economic and political issues that affect us.

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Moore-Love, Karla

From: William Derville [mailto:change.org]
Sent: Wednesday, September 05, 2012 2:24 PM
To: Moore-Love, Karla
Subject: Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

I just signed the following petition addressed to Mayor Adams and each of the City Commissioners.

We are a coalition of concerned citizens, parents, health care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

There is a growing body of scientific literature that questions the community benefit versus the community risk from such a systemic implementation of fluoride. We believe the first and ongoing costs of such a fluoridation program would be better used for public outreach and education regarding dental health, including dental hygiene and nutrition.

Topical use of fluoride for dental health is more readily controllable, and could potentially be provided to those without dental health access.

We believe the entire population of Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Citizens should have the right to consent, and the right to vote on such an important issue.

We ask that you allow the people of Portland the right vote.

Thank you,

Coalition of Concerned Citizens

Portland should not be exposed to a health related proposal or ordinance without a thorough public review and vetting.

Sincerely,

William Derville
Beaverton, Oregon

Note: this email was sent as part of a petition started on Change.org, viewable at <http://www.change.org/petitions/petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)