

**Parsons, Susan**

185612

**From:** Mamie Gregory [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 6:19 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,

Mamie Gregory  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Deb Seemann [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 6:38 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.

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Coalition of Concerned Citizens

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

-----  
Sincerely,

There is still much research that needs to be done on the potential toxicity of fluoride and its buildup in our bodies. There is some evidence that fluoride may be hazardous to our health. There is not substantiated evidence that fluoride even prevents cavities. Even with fluoride regularly administered, 1 in 4 children are entering preschool with at least having one cavity filled. Regular brushing and less juice and sugary drinks for our children is a far more effective approach.

Deb Seemann  
Corbett, Oregon

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

8/27/2012

185612

**Parsons, Susan**

**From:** Gregory Press [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 7:07 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.

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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,

I don't want fluoride in Portland's pristine water.

Gregory Press  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** terah varga [mailto:terah@change.org]  
**Sent:** Sunday, August 26, 2012 7:35 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.

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Coalition of Concerned Citizens

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Sincerely,

terah varga  
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:** Heidi Pannke [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 7:42 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.

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Coalition of Concerned Citizens

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

-----  
Sincerely,

Flouride is a poisonous neurotoxin that is a hazardous by product of the fertilizer industry and has NO place in our pristine water supply. If people feel they need to have flouride in their diet, let them take tablets or swallow their flouride toothpaste. I do NOT want to be forced to consume flouride needlessly. Thank you

Heidi Pannke  
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:** Brooke VanBuren [mailto:mail@change.org]  
**Sent:** Sunday, August 26, 2012 7:45 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.

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-----  
Sincerely,

Brooke VanBuren  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Amy Baker [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 7:56 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,

Fluoride should be a choice, not forced on anyone. There is evidence that it is not good for us if ingested-used on the teeth is much better, and even then I want a choice.

Amy Baker  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Erik Geschke [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:10 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.

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Thank you,

Coalition of Concerned Citizens

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-----  
Sincerely,

Erik Geschke  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Stacey Philipps [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:18 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.

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

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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,

Any medication should be administered only after the patient chooses it.

Stacey Philipps  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

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**From:** Ansula Press [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:38 PM  
**To:** Moore-Love, Karla  
**Subject:** Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

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Coalition of Concerned Citizens

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-----  
Sincerely,

I do not want to be medicated without my consent.

Ansula Press  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Leah Yamaguchi [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 8:40 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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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 health care provider and have young children. I care about our health and am firmly against systemic fluoridation.

Leah Yamaguchi  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Renee Manly [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:46 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.

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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,

Mandatory medication of the entire city of Portland and surrounding cities absolutely MUST be with the consent of the people. The money being spent on this project could easily be used instead on projects targeting individuals that actually need fluoride treatment, with their consent, and in dosages that are safe and tailored to them.

Renee Manly  
Portland, Oregon

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8/27/2012



**Parsons, Susan**

185612

**From:** Bette Steflik [mailto:mail@change.org]  
**Sent:** Sunday, August 26, 2012 8:59 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.

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Thank you,

Coalition of Concerned Citizens

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-----  
Sincerely,

Bette Steflik  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Shannon Bishop [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 9:34 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.

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Thank you,

Coalition of Concerned Citizens

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-----  
Sincerely,

Costs of implementation could be better used for public outreach and empowerment.

Shannon Bishop  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Kathleen Sanchez [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 10:33 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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Coalition of Concerned Citizens

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

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Sincerely,

Kathleen Sanchez  
Portland, Oregon

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**Parsons, Susan**

185612

**From:** Gene Zilberstein [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 10:35 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.

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Coalition of Concerned Citizens

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

-----  
Sincerely,

Portlanders have some of the best water in the nation. Don't poison us!

Gene Zilberstein  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Thomas Seaman [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 10:37 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.

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Coalition of Concerned Citizens

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

-----  
Sincerely,

Sodium Flouride is toxic, please do not put it in the water!

Thomas Seaman  
portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Jasmine Albert [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 10:51 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.

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Coalition of Concerned Citizens

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-----  
Sincerely,

I need healthy water

Jasmine Albert  
portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Emily Sunderman [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 11:26 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,

Emily Sunderman  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Louise Tolzmann  
**Sent:** Sunday, August 26, 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.

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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,

As a physician, I am very concerned about fluoride entering the body orally and the possible health consequences from it.

Louise Tolzmann, ND  
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](#)

8/27/2012



185612

**Parsons, Susan**

**From:** Tim O'Neal [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 10:18 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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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,

Tim O'Neal  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Sarah Augustine [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 10:49 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,

Sarah Augustine  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Josh Scofield [mailto:change.org]  
**Sent:** Sunday, August 26, 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.

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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,

Josh Scofield  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Lara Haehle [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 11:18 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,

Lara Haehle  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Marjorie Marchant [mailto:change.org]  
**Sent:** Sunday, August 26, 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 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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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,

Marjorie Marchant  
Hillsboro, Oregon

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**Parsons, Susan**

185612

**From:** Cathrin Mueller [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 12:28 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,

Cathrin Mueller  
Portland , Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** sabiah sogard [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 12:29 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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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,

Flouride calcifies the pineal gland. I would like to retain a healthy pineal gland.

sabiah sogard  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Nancy McAuliffe [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 12:48 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 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

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-----  
Sincerely,

Nancy McAuliffe  
Lake Oswego, Oregon

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8/27/2012



185612

**Parsons, Susan**

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**From:** Paula Fisher [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 1:39 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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Thank you,

Coalition of Concerned Citizens

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-----  
Sincerely,

Paula Fisher  
Tigard, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Beth Hahn [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 1:55 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.

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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,

I have chemical sensitivity and cannot tolerate fluoride. My doctor has told me to avoid it. No water filter will remove it. Only reverse osmosis will remove it, and RO is expensive, cumbersome, difficult to maintain, and wastes water. The city is opening themselves to liability by forcing this on people who cannot tolerate it and have been told by their doctors to avoid it. Reverse osmosis will take care of drinking water, but it remains in water we use to bathe in. We absorb a certain amount through our skin. There is currently no technology that will remove it from water used to bathe, water our gardens, etc. All this leads to accumulation of fluoride in the body.

Beth Hahn  
Portland, Oregon

8/27/2012

011-111

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:** Marlene Kelley [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 2:08 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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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,

Marlene Kelley  
Beaverton, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Cara Orscheln [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 2:19 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.

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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,

Cara Orscheln  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Kundalini Bennett [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 2:41 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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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,

Kundalini Bennett  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Erik Overson [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 2:58 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 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,

Erik Overson  
portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** stefan senna [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 2:53 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 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 health. Fluoride is toxic and we as individuals must have the right to determine what is in our drinking, showering, cooking, etc.. water.

stefan senna  
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](#)

8/27/2012



185612

**Parsons, Susan**

**From:** Sia Haralampus [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 3:41 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,

Sia Haralampus  
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](#)

8/27/2012

185612

**Parsons, Susan**

---

**From:** Debbie Richman [mailto:mail@change.org]  
**Sent:** Sunday, August 26, 2012 3:54 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.

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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,

It sounds expensive and I am not certain forcing fluoride on the entire population is best.

Debbie Richman  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Tod Elliott [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 4:54 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,

I don't want to be poisoned through the water supply. It is just another way to destroy our health.

Tod Elliott  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Kenneth Vincig Vincig [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 4:18 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.

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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,

Health and safety

Kenneth Vincig Vincig  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Bill Novotny [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 5:10 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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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,

First, the sneaky way they are going about this.  
Who is sponsoring these 'concerned citizens for fluoride' and who paid for the commercials.  
Most of the research they are quoting from is a decade old, and who paid for that 'research'.  
Fluoride is a poison and everything accumulates over time in your body.

Bill Novotny  
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:** Beth Giansiracusa [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 5:17 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.

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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,

here is no need to fluoridate the water... just because billy jumps from the bridge does not me you have to. And most dentist do not approve of fluoride in the water... cause it is a poison

Beth Giansiracusa  
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:** Andrew Zeutzius [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 5:20 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 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,

Andrew Zeutzius  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Melissa Herring [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 5:31 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.

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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,

Melissa Herring  
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](#)

8/27/2012



185612

**Parsons, Susan**

**From:** marilyn mitchell [mailto:mail@change.org]  
**Sent:** Sunday, August 26, 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,

marilyn mitchell  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** JJanine McFall [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 5:30 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,

I have friends and family that live in Portland who would be adversely effected by the addition of fluoride to the drinking water.

JJanine McFall  
Canby, 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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Jean Landes [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 6:05 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,

children's health & wellbeing, right to know, right to choose

Jean Landes  
Braverton, 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](#)

8/27/2012

**Parsons, Susan**

---

**From:** malika smaini [mailto:mail@change.org]  
**Sent:** Sunday, August 26, 2012 8:09 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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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,

malika smaini  
Tigard, 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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Callie Bell [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:20 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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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,

Callie Bell  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Carolyn Clark [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:24 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,

After studying fluoride for 47 years I am anxious to be free to choose. There are alternatives i.e. taking fluoride in tablet form for those so inclined. Thank you.

Carolyn Clark  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Camille Gifford [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 8:29 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.

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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,

Why take away our right to choose whether we want chemicals in our water or not?

Camille Gifford  
Lake Oswego, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Tana Kuntz [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 9:20 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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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,

Tana Kuntz  
PORTLAND, Oregon

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8/27/2012



185612

**Parsons, Susan**

---

**From:** Allen Clark [mailto:change.org]  
**Sent:** Sunday, August 26, 2012 9:11 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.

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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,

Even if someone agrees with fluoridation, doing it in this way is uncontrolled. Some people don't drink enough water, while others drink much more than average. And you don't know how much they are getting if they brush 0-3+ times/day... If you want to give people who can't afford fluoride, give vouchers so they can get how much they need and not force it on the many who already get enough, or too much.

Allen Clark  
Canby, Oregon

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8/27/2012

185612

**Parsons, Susan**

---

**From:** Marion Newey [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 9:39 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.

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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.

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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,

The cost outweighs the benefits which in this case is involuntary exposure to a poison. If this campaign for opposition to fluoride in Portland, perhaps we may get it removed from this area.

Marion Newey  
Warren, 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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** candida ferraiolo [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 8:40 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,

candida ferraiolo  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Paola Dennis [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 9:33 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,

Paola Dennis  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Gibran Ramos [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 10:00 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,

Gibran Ramos  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Winter Harvey [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 10:02 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 all have a choice about what foods we put into our bodies, but we only have one water source. We should not be forced to consume fluoride.

Winter Harvey  
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](#)

8/27/2012

185612

**Parsons, Susan**

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**From:** Judith Vandervort [mailto:mail@change.org]  
**Sent:** Saturday, August 25, 2012 10:10 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.

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,

Judith Vandervort  
Canby, 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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Judith Beck [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 10:13 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 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 totally UNDEMOCRATIC to force people to drink drugs in their water without their fully informed consent!

Judith Beck  
Portland, Idaho

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](#)

8/27/2012



185612

**Parsons, Susan**

**From:** Starr Thompson BSDH  
**Sent:** Saturday, August 25, 2012 10:19 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,

Starr Thompson BSDH, RDH  
Tigard, 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](#)

8/27/2012

185612

**Parsons, Susan**

---

**From:** Fatima Zenner [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 11:01 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,

Fatima Zenner  
Tigard, 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](#)

8/27/2012

185612

**Parsons, Susan**

---

**From:** Judy Morse [mailto:mail@change.org]  
**Sent:** Saturday, August 25, 2012 11:26 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.

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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,

Medication should not EVER be put in everyone's drinking water especially when the medication easily accessible to anyone who wants it.

Judy Morse  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Laura Fletcher [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 11:11 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.

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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 that we should be able to vote on such a major change to our water. I also believe that drinking water should not be used to deliver medical or dental chemicals to the public when alternatives are available.

Laura Fletcher  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Joyce Ferrier [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Sunday, August 26, 2012 12:20 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 concerned about the side effects of consuming flouride for my daughter and everyone else that is chemical sensitive and even for those who aren't chemical sensitive.

Joyce Ferrier  
Tigard, 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](#)

8/27/2012

185612

**Parsons, Susan**

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**From:** blythe pavlik [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 1:50 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,

Because fluoride is a neuro toxin. This Orwellian. If some people want fluoride, buy a bottle from the store or grant bottles to low-income areas (though they are working on misinformation) - don't force all of us to ingest a known toxin.

blythe pavlik  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** james thompson [mailto:change.org]  
**Sent:** Saturday, August 25, 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 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 grew up with fluoridated water. i ended up with above average number of fillings and stained teeth!

james 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](#)

8/27/2012

185612

**Parsons, Susan**

---

**From:** Susan Glosser [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 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,

Potential health and environmental risks of fluoridation are significant and have not been sufficiently addressed.

Susan Glosser  
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:** Alicia Polacok [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 3:31 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,

Alicia Polacok  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Kurt Fosso [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 3:35 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,

Health.

Kurt Fosso  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Peter Gold [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 4:14 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.

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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's water!!!!!!!!!!!!

Peter Gold  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Jana Throckmorton [mailto:change.org]  
**Sent:** Saturday, August 25, 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,

I have autoimmune disease. Any fluoride in my system is poison. People already suffering from food or chemical allergies- which is a growing population- will suffer first. Children next. Elderly next and then the rest of the population as soon as they have too much gluten or RBST dairy or GMO's, chemical crop spays from food. Please, put a stop to this! We need safe water.

Jana Throckmorton  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Kathleen Bushman [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 5:59 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,

Kathleen Bushman  
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:** Brian Kinney [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 4:34 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.

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,

public consent desired

Brian Kinney  
los angeles, California

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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Kathleen Courian-Sanchez [arttoad1@gmail.com]  
**Sent:** Saturday, August 25, 2012 6:02 PM  
**To:** Moore-Love, Karla; Adams, Mayor; Commissioner Fritz; Commissioner Saltzman; Commissioner Fish; Leonard, Randy  
**Subject:** CDC dental fluorosis increases due to water fluoridation

I would like this article to be placed into public record regarding the issue of water fluoridation proposed for Portland's water.

From the CDC website regarding the prevalence and severity of dental fluorosis in the US.

By the 1980s, studies in selected U.S. communities reported an increase in dental fluorosis (4,5), paralleling the expansion of water fluoridation and the increased availability of other sources of ingested fluoride, such as fluoride toothpaste (if swallowed) and fluoride supplements (6). This report describes the prevalence of dental fluorosis in the United States and changes in the prevalence and severity of dental fluorosis among adolescents between 1986-1987 and 1999-2004.

- Less than one-quarter of persons aged 6-49 in the United States had some form of dental fluorosis.
- The prevalence of dental fluorosis was higher in adolescents than in adults and highest among those aged 12-15.
- Adolescents aged 12-15 in 1999-2004 had a higher prevalence of dental fluorosis than adolescents aged 12-15 in 1986-1987.

The full report is on this link:

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

185612

**Parsons, Susan**

**From:** Brian Keith [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 6:08 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,

Fluoride causes an "allergic" type of reaction in around 1% of the people who use it. In Portland that would affect at least 5000 residents who would then have to find water from other source or stay sick. We must not put things in the water we share, if there are those who would suffer from it.

Brian Keith  
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](#)

8/27/2012



**Parsons, Susan**

185612

**From:** Julie Ratcliff [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 6:17 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 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 enough drugs in our water. Show me how we are worse off without fluoride, until then stop messing with the water.

Julie Ratcliff  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Deanna DeLong [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 6:17 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.

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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,

Deanna DeLong  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Sandra Stirling [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 6:36 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.

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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,

Fluoride is unsafe to consume internally...just ask the medical profession. Fluoride is in toothpaste and that is all that is needed to reduce and eliminate decay. See what Europe has done decades ago. They use fluoridated toothpaste and do not put fluoride in their water because it is harmful to one's health to swallow it!!!

Sandra Stirling  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Leigh Bunkin [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 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.

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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 criminal to add poisons to our water supply

Leigh Bunkin  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Lara Triback [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:00 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.

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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,

Lara Triback  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Carrie Haas [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 6:57 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.

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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,

Why is this important to you?

Carrie Haas  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Heidi Cluff [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 6:43 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.

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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,

Please don't take away our freedom! We should be able to choose for ourselves - not forced to ingest fluoride!

Heidi Cluff  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** betsy Langton [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:06 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.

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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,

If I want to take fluoride, it is a choice I make. If I want to give it to my children, it is choice I want to make. I believe it is unconstitutional to add a chemical with known health hazards to public water because a board of politicians have decided it is the correct thing to do. It is not government domain to chose what medication I or my children take . I absolutely oppose this measure and will do what I can to see that it DOES NOT come to pass.

betsy Langton  
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](#)

8/27/2012



185612

**Parsons, Susan**

**From:** Kate Markell [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 7:34 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.

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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,

I live here and DO NOT want fluoride in my water. I want to be able to choose when and how I fluoridate my teeth.

Kate Markell  
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](#)

8/27/2012

185612

**Parsons, Susan**

**From:** Meladee Martin [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:46 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.

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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,

Environmental and health concerns regarding the use of a chemical by product of the fertilizer industry.

Meladee Martin  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Shayla Rogers [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 7:53 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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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,

Ummm. Duh.

Shayla Rogers  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Tamarah Jane Pringle [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:53 PM  
**To:** Moore-Love, Karla  
**Subject:** Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

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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,

Portland's water has been pristine and should not be tampered with. Fluoride is unnecessary and carcinogenic. If people want to supplement, that's their choice.

Tamarah Jane Pringle  
Portland, Oregon

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8/27/2012

185612

Parsons, Susan

**From:** Karen Ball [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:53 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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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 read constantly on health issues and take every step I can to assure my health since I am uninsured and cannot afford it. I want to keep fluoride out of my food. I buy organic green tea now, after reading all the research showing how much fluoride is in it with the pesticides and fertilizers that are being used on it. To put it in the water as well when I cannot filter my garden water is criminal.

Karen Ball  
Beaverton, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Kathleen Kay [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:55 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.

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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,

Fluoride added to our water is not necessary or is it healthy. Start connecting the dots those who have been chosen to run our city council. Your people are talking to you and they are saying "No" to adding a toxin to their drinking water.

Kathleen Kay

Kathleen Kay  
Beaverton, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Beth Schwartz [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 7:57 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 care practitioners, organizations, and businesses that believe a systemic water fluoridation program should not be implemented without public consent.

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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,

Beth Schwartz  
West Linn, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** christine maxwell [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Saturday, August 25, 2012 7:58 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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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,

christine maxwell  
portland, Oregon

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8/27/2012



**Parsons, Susan**

185612

**From:** Kimberly Kaminski [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 8:10 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.

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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 issue is important to me because IT'S OUR WATER!

Kimberly Kaminski  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Bonny Seal [mailto:change.org]  
**Sent:** Saturday, August 25, 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 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,

Bonny Seal  
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](#)

8/27/2012

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**Parsons, Susan**

**From:** Bill Osmunson DDS MPH [mailto:change.org]  
**Sent:** Saturday, August 25, 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.

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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,

Many are ingesting too much fluoride. Without measured evidence of current serum or urine fluoride concentrations, Portland does not know how many are ingesting too much fluoride.

Bill Osmunson DDS MPH  
Wilsonville, 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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Pam Allen [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 6:52 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.

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Thank you,

Coalition of Concerned Citizens

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-----

Sincerely,

Cost to the city, cost to human health, cost to wildlife

Pam Allen  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Sara Genta  
**Sent:** Saturday, August 25, 2012 7:48 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.

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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,

Thyroid health concerns

Sara Genta, RN  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Spyder Carneol [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 7:56 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.

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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,

There must be public input on this issue that will effect the entire population of Portland

Spyder Carneol  
Portland, Oregon

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810281  
 Parsons, Susan

185612

**From:** Kathleen Courian-Sanchez [arttoad1@gmail.com]

**Sent:** Saturday, August 25, 2012 10:09 AM

**To:** Moore-Love, Karla; Adams, Mayor; Commissioner Fritz; Commissioner Saltzman; Commissioner Fish; Leonard, Randy

**Subject:** Water Fluoridation—Metropolitan Water District of Southern California Sued

I would like this article to be placed into public record regarding the issue of water fluoridation proposed for Portland's water.

[http://www.bolenreport.com/feature\\_articles/Guest/Green/water%20wholesaler%20sued.htm](http://www.bolenreport.com/feature_articles/Guest/Green/water%20wholesaler%20sued.htm)

## Largest Water Wholesaler in Southern California Sued for Illegal Use of an Unapproved Drug to Fulfill Fluoridation Program

Guest Article by Jeff Green

National Director

Citizens for Safe Drinking Water Wednesday, August 18th, 2011

Alleging willful misrepresentation and deceptive business practices by Metropolitan Water District of Southern California, attorneys for citizen/consumers from San Diego, Los Angeles and Ventura Counties filed a lawsuit in the public interest of millions of consumers in Southern California, citing that MWD of SoCal has made claims of safely and effectively treating and preventing dental disease in recipient consumers, while selecting and delivering a hydrofluosilicic acid drug through their water system that has never been approved for safety and effectiveness, nor in the expected dosages delivered by MWD through retail water districts, either topically, systemically through ingestion, or trans-dermal exposures through baths and showers.

In a legal action which may impact the decision-making of water districts across the country employing the same practices, the lawsuit filed on August 9 in U.S. District Court, Southern District of California, addresses the Constitutional right of Plaintiffs to be free of bodily intrusion from a drug that has not been approved for MWD's intent to alter the physical structure and bodily functions to make a person's teeth more resistant to the demineralization process of tooth decay without their consent.

While some consumers may elect to purchase bottled water for drinking, virtually all consumers are captive to exposures from baths and showers, as simple filtration and most non-commercial methods do not remove the product, resulting in exposures to consumers similar to that of medications delivered by seasickness or nicotine patches.

***"This case does not challenge the public policy of fluoridation,"*** states Kyle Nordrehaug, attorney for the Plaintiffs. ***"It does challenge MWD's bait and switch tactics of orchestrating statements by them and their down-line distributors of water to individual consumers when MWD knew that the actual drug product that***

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***they deliver had never had a toxicological study performed on the health and behavioral effects of its continued use until 2010, much less approval for MWD's perpetuation of absolute health claims."***

Despite early misrepresentations in the media, MWD of SoCal is not compelled to fluoridate its water by the State of California, and the costs of adding the unapproved drug are being borne by consumers in the form of rate hikes without water districts providing ratepayers clear notice of what the extra costs are for, or obtaining their consent.

The lawsuit's filing clarifies that Congress has established that the U.S. Food and Drug Administration is the only government entity with the authority to approve claims of safety and effectiveness for products intended to treat and prevent disease, and that not only has the U.S. Environmental Protection Agency never had that authority, but in 1988 abandoned authority for safety standards for all direct water additives, including fluoridation chemicals.

While the Plaintiffs do not seek an award for any physical harm, they do point to evidence concerning safety/harm and effectiveness that by law and for consumers' protection requires that the product be thoroughly evaluated, and approval given, for any claims and MWD's intended health impact, before exposing consumers without their consent.

Plaintiffs point to MWD's misrepresentations and omission of any notice of contraindications, government recognition of susceptible populations, and scientific evidence of disproportionate harm to children, Latinos, and African Americans, from the particular harmful side effects from the hydrofluosilicic acid drug selected by MWD, above other forms of fluoride.

*"This lawsuit pushes past the rhetoric and reliance on unaccountable endorsements or opinions that usually accompany this subject, and focuses on whether MWD of SoCal adds hydrofluosilicic acid to public drinking water in order to treat or prevent dental disease, and whether FDA regulates products intended to treat disease, or not,"* said Jeff Green, National Director of Citizens for Safe Drinking Water and spokesperson for the Plaintiffs.

*"In essence,"* continued Green, *"the Plaintiffs are saying, 'Don't tell us, or the media, or the court how safe it is. Go tell it to the FDA through the evaluation process and get approval for the claims for the specific product you deliver, and don't administer it to us topically, systemically through our ingestion, or through our skin from our baths and showers, without our consent until you do.'"*

Clarifying the key issues of

Foli v. MWD of SoCal



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**Who is being sued?**

Metropolitan Water District of Southern California, the largest wholesaler of water in Southern California, servicing some 18 million consumers through retail water districts.

**What are they being sued for?**

Deceptive business practices and infringements on consumers' Constitution rights by MWD claiming to treat and prevent tooth decay while delivering a substance through five of their facilities that has never been approved for such claims for either topical applications through oral exposure, systemic effects through ingestion, or trans-dermal exposures through the skin while bathing and showering.

**What Constitutional rights?**

Plaintiffs' rights to be free from bodily intrusion by MWD's delivery of an unapproved drug without their consent.

**What do the Plaintiffs expect the Court to decide (laymen's terms)?**

- 1) Is MWD adding hydrofluosilicic acid to consumers' water supply for the purpose of treating or preventing dental disease?
- 2) Does Congress and federal law require that FDA regulate and perform processes for determining approval of substances intended to and claimed to treat or prevent disease?
- 3) Has the hydrofluosilicic acid product used to treat or prevent dental disease been approved by the FDA for such intent or claims?
- 4) Has MWD deceptively acted in concert with their retailers to conceal from the public that the product they have chosen and administer has not been approved for its intended use, or that at the time of their initiating the injection into the consumers water supply there were no toxicological studies on the health and behavioral effects of continued use?
- 5) Did MWD's deceptive business practices conceal evidence of significant differences in hydrofluosilicic acid's health effects and

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interactions with other elements than other forms of fluoride, which would be revealed as contraindications, especially for susceptible populations, through the FDA review process?

**What action do the Plaintiffs expect the court to take (in brief)?**

**Find:** MWD's business practices of misrepresentations and omissions of material fact to be deceptive;

**Find:** MWD's imposing an unapproved drug on captive consumers and the general public without their consent unconstitutional; and

**Issue:** A declaration of relief halting the deceptive and unconstitutional practices of selecting and using an unapproved hydrofluosilicic acid drug to treat and prevent disease without the recipient's informed consent.

**How does this case differ from other attempts to halt fluoridation?**

This case does not seek to halt fluoridation, nor challenge the public policy of water fluoridation. The issues addressed are just as important for those persons who support water fluoridation as those who don't. This case addresses the bait and switch activities of MWD to conceal pertinent information and use a drug not approved for any of the manners of administration that consumers are exposed to. Plaintiffs do not make any claim for award for physical harm. The harm is denial of their Constitutional rights.

**What impact will this case have on other water suppliers?**

To the extent that other water suppliers have similarly selected an unapproved drug for their purposes and concealed information that is pertinent to an informed consumer protecting themselves or giving informed consent, the water supplier may be encouraged to elect to revisit their decision to act in such a manner.

**What about claims by the CDC, EPA and health departments that fluoridation is a water issue regulated by the EPA?**

EPA gave up all authority over direct water additives, including fluorides, in 1988. EPA does not have any authority over a substance intended to alter the physical structure or bodily functions to

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treat or prevent disease. Only the FDA has the authority from Congress to approve a health claim of safety and effectiveness. Neither rhetoric, nor endorsements, are adequate substitutes for FDA approval.

**What about all the claims of safety and effectiveness?**

“Don’t tell us, or the media, or even the courts. Tell the FDA through the approval process and don’t deliver hydrofluosilicic acid to us without our consent until you do.”

185612

**Parsons, Susan**

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**From:** mike tabor [mailto:change.org]  
**Sent:** Saturday, August 25, 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.

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

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-----  
Sincerely,

mike tabor  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Alex Shives [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 12:29 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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Thank you,

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Sincerely,

Alex Shives  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Chris Henry [mailto:change.org]  
**Sent:** Saturday, August 25, 2012 12:44 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,

I'm puzzled... Are we having an epidemic of cavities and teeth falling out of people's mouths? If people want fluoride in their drinking water, let them drink mouthwash.

Chris Henry  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Courtney Scott [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Friday, August 24, 2012 2:17 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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-----  
Sincerely,

Courtney Scott  
Portland, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** thomas tittle [mailto:mail@change.org]  
**Sent:** Friday, August 24, 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.

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Thank you,

Coalition of Concerned Citizens

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Sincerely,

thomas tittle  
Portland, Oregon

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8/27/2012



185612

**Parsons, Susan**

**From:** ninette jones [mailto:change.org]  
**Sent:** Friday, August 24, 2012 2:25 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.

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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,

topical use of Fluoride is a personal choice. There is not a one size fits all approach to dental care, so systemic use of fluoride in Portland's drinking water is not helpful but an attack on weakened immune systems. My companion animals do not need fluoride in their drinking water nor do the salmon. My garden vegetables do not need fluoride either. No systemic use of fluoride in the people's drinking water.

ninette jones  
portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Jim Dancing Trout [mailto:change.org]  
**Sent:** Friday, August 24, 2012 2:33 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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Coalition of Concerned Citizens

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Sincerely,

Jim Dancing Trout  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185612

**From:** Frances Holtman [mailto:change.org]  
**Sent:** Friday, August 24, 2012 2:36 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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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 want flouride in my drinking water. I do not want flouride in my cleaning water. I would not like flouride in the ecosysten either as that is not healthy. Flouride is an attack on weakened immune systems and forcing me and others who do not want flouride in the water supply seems like something a communist would do.

Frances Holtman  
Rockaway Beach, Oregon

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8/27/2012

185612

**Parsons, Susan**

**From:** Richard Ness [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Friday, August 24, 2012 2:41 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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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,

Richard Ness  
Portland, Oregon

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8/27/2012

**Parsons, Susan**

185614

**From:** Kevin Layden [mailto:mail@change.org]  
**Sent:** Friday, August 24, 2012 3:22 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,

Kevin Layden  
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](#)

8/27/2012

**Parsons, Susan**

185612

**From:** Catherine Teach [mailto:change.org]  
**Sent:** Friday, August 24, 2012 3:54 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.

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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,

Catherine Teach  
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:** Kathleen Courian-Sanchez [arttoad1@gmail.com]  
**Sent:** Friday, August 24, 2012 4:15 PM  
**To:** Moore-Love, Karla  
**Subject:** Fluoride exposure

Karla,

If you could please enter this into public record regarding the water fluoridation issue and distribute to Mayor Adams and the Commissioners, I would appreciate it. Thank you.

Dear Mayor Adams and Commissioners,

Hopefully you have read some of the information that I, and undoubtedly, many other concerned citizens are sending to you to clarify the facts about water fluoridation.

The inorganic chemical compound contaminants used in water fluoridation are Sodium Hexafluorosilicate and Fluorosilicic Acid, the by product of the manufacture of phosphate fertilizers. They were formally used in pesticides, insecticides and rodenticides, until the registration was cancelled and no longer used for that purpose in the early 1990s.

The EPA establishes the limit at which a person can be exposed to contaminants such as these, without harmful health affects. There is no oversight of these chemicals added to the drinking water because they fall outside of the FDAs jurisdiction. They are ONLY measured as contaminants by the EPA, who recently reduced the allowable level from 2-4mg to .7-1.2mg. No studies have been done to measure the safety of the current level. **For anyone to say that this level is "safe" is patently false.**

As the CDC website and studies like Dr. Thiessen's states, **infants and young children from 0-8 are at the greatest risk for over exposure to fluoride, with infants at greatest risk.** Studies have already established that too much fluoride causes enamel fluorosis, musculoskeletal damage, reproductive and developmental effects, neurotoxicity and neurobehavioral effects, endocrine system (including thyroid—follicular cells, parafollicular cells, parathyroid glands, pineal gland, other endocrine organs), effects on the gastrointestinal, renal, hepatic, and immune systems. The affects on genotoxicity and carcinogenicity are inconclusive.

Many in lower economic groups cannot afford the highest quality foods, and resort to foods that are not organic or are highly processed. These foods, including fruits and vegetables, contain fluoride based pesticide (sodium aluminum fluoride) residue that add to the toxic mix. Food like iceberg lettuce can contain as much as 180 ppm, 180 times higher than the "recommended" water fluoridation level. Other items that contain fluoride are baby formula, processed cereal, juice, soda, tea, wine, beer, fish/seafood, teflon pans.

For those with babies who use formula, a bottled water source free of fluoride would be required so the baby is not exposed to over-fluoridation. This could cause a financial hardship for those in low income families.

It doesn't make logical sense to add something to the water system that is known to cause harm, especially to the most vulnerable.

Sincerely,

Kathleen Courian-Sanchez

8/27/2012

**Parsons, Susan**

185612

**From:** Teresa Farrell [mailto:change.org]  
**Sent:** Friday, August 24, 2012 11:01 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,

I want to choose what I give my child. Since she has a chronic illness we have chosen not to give her fluoride. Thank you for your consideration, Teresa Farrell RN

Teresa Farrell  
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](#)

8/27/2012



185612

**Parsons, Susan**

**From:** Catherine Whelan [mailto:change.org]  
**Sent:** Friday, August 24, 2012 11:02 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.

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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,

Catherine Whelan  
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](#)

8/27/2012

**Moore-Love, Karla**

185612

**From:** Elise Varga [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Friday, August 24, 2012 11:15 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,

Elise Varga  
Portland, Oregon

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8/24/2012

185612

**Moore-Love, Karla**

**From:** Colleen Patterson [mailto:change.org]  
**Sent:** Friday, August 24, 2012 10:52 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.

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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 a parent who wishes to limit the chemicals my daughter ingests. She uses a flouride toothpaste and takes a flouride supplement, both means of preventing tooth decay which are more easily controlled by me.

Colleen Patterson  
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](#)

8/24/2012

**Moore-Love, Karla**

185612

**From:** elizabeth carlson [mailto:change.org]  
**Sent:** Friday, August 24, 2012 9:33 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,

Daily intake of fluoride would be detrimental to my health. The ongoing studies reveal the risk to people as myself. My doctors concur  
Topical application of fluoride can achieve the same results without endangering the health of people like myself.  
This would avoid risks to people as myself. Those in need can be treated by topical means.to all. putting others at risk. This is a win win solution.  
We do not have resources to put into into an expensive project which results are uncertain. Put this issue up to a vote so all can be heard.

elizabeth carlson  
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](#)

**Moore-Love, Karla**

185612

**From:** C. Merwin [mailto:change.org]  
**Sent:** Friday, August 24, 2012 9:27 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 a citizen, it is so frustrating to me to see government wasting time, energy and resources on non-essential functions while neglecting important things that need those resources. If the citizens have voted against this 3 times then it does not warrant another round. Adding fluoride to drinking water is not the role of government.

C. Merwin  
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:** Tom Deines [mailto:change.org]  
**Sent:** Friday, August 24, 2012 9:19 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 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,

Thomas Deines

Tom Deines  
Newberg, 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:** Kimberly Horenstein [mailto:change.org]  
**Sent:** Friday, August 24, 2012 8:31 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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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,

Kimberly Horenstein  
Portland, Oregon

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**Moore-Love, Karla**

185612

**From:** Christine White [mailto:change.org]  
**Sent:** Friday, August 24, 2012 8:11 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.

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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,

I'm really wondering why a mostly lame-duck city council is trying to ram this through without asking what we think. Fluoride's cheap and easy to buy and we don't need it on our plants in our pets' water and what will it do to the beer industry?

Christine White  
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:** Lynne Campbell [mailto:change.org]  
**Sent:** Friday, August 24, 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.

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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,

Fluoride's primary benefit is topical, not systemic. The chemicals to be added don't occur naturally, but are toxic waste byproducts of industry, contaminated with a host of toxins including arsenic and lead, for which EPA's public health goal (MCLG) is ZERO (i.e., any amount of arsenic added to the water, however tiny, will cause harm). Manufacturers will not stand behind their product as safe and effective when used as directed--in fact, no one assumes liability for harm, including the massive incidence of dental fluorosis (permanent damage to teeth) resulting from overexposure to fluoride. Fluoride is classified by FDA, when ingested for a reduction of tooth decay, as an unapproved drug. Americans are already exposed to significant quantities of fluoride from other sources, including food products processed with fluoridated

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water and contaminated with fluoride-based pesticide residue, dental products and treatments. Although the U.S. is now 74 percent fluoridated, the whole country is in an "oral health crisis," with the CDC reporting the first significant uptick in dental decay in 40 years. The elephant in the room--CDC says 80% of decay in children is concentrated in 25 percent of them; the low-income population without access to care. This is the elephant in the room...80% of dentists won't treat kids on Medicaid. Water fluoridation doesn't work, adds a host of toxins to our water, pollutes our environment (harming salmon) and violates the right we enjoy with every other drug on the plant--the right to informed consent.

Lynne Campbell  
Lake Oswego, Oregon

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185612

**Moore-Love, Karla**

**From:** Jan Rizzo [mailto:mail@change.org]  
**Sent:** Friday, August 24, 2012 7:17 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,

There is conflicting research about whether adding this to the water supply is healthy and we should have a choice about our water.

Jan Rizzo  
Portland, Oregon

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8/24/2012

185612

**Moore-Love, Karla**

**From:** Colleen McCormack [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 11:53 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 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 it's my right to choose whether or not to have the water my family drinks be systemically implemented with fluoride.

Colleen McCormack  
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](#)

8/24/2012

**Moore-Love, Karla**

185612

**From:** Amanda Schueler [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 11:51 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.

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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,

Amanda Schueler  
Portland, Oregon

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8/24/2012

185612

**Moore-Love, Karla**

**From:** Aaron Hopkins [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 11:23 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.

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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,

Fluoride is potentially injurious and generally unhealthy to ingest.  
Please don't remove fresh healthy water from my more town.

Aaron Hopkins  
Portland, Oregon

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8/24/2012

185612

**Moore-Love, Karla**

**From:** Andrew Hosch [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 10:35 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,

It is critical to allow for maximum public input before making a decision in this matter. This affects us all, and the decision should not rest in the hands of five city council members alone.

Andrew Hosch  
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:** Grace Marian [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 10:18 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.

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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,

Maybe we should make dental care more accessible instead of putting more chemicals into the water supply.

Grace Marian  
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:** Rodney Bender [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 9:52 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.

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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 have one of the freshest water supplies in the country. Let's leave it clean and pure!

Rodney Bender  
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:** Kristin Allen [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Thursday, August 23, 2012 8:46 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.

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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,

Kristin Allen  
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](#)

8/24/2012

**Moore-Love, Karla**

185612

**From:** jaime lefcovich [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Thursday, August 23, 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,

jaime lefcovich  
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:** James Black [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 8:33 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,

Um...this should be a no-brainer. Fluoride is extremely bad for health and wellness, and this is documented fact.

<http://ahealthyidea.com/epa-reverses-itself-on-fluoride/>

"In an amazing announcement that received little media coverage, the EPA has reversed itself on the claimed health benefits of the industrial chemical fluoride. Citing research suggesting fluoride ingestion can cause cancer, hormone disruption and brittle bones.

The report suggested that fluoride was especially bad for developing children and actually caused many dental issues (darkening of teeth, making teeth brittle) rather than being a promoter

of dental health as propaganda has claimed for the past 60 years.

185612

Many parents have trusted the government concerning use of fluoride. This underscores the point that parents and individuals should do their own research and seek a natural route when it comes to their health instead of trusting additives that are not found in nature.

A warning label has accompanied fluoride-containing toothpaste for many years but the commentary has been that it takes a lot of fluoride ingestion to do harm. Now the government (EPA) is admitting that it doesn't take as much as thought to do harm.

One should also note that exposure over years to most chemicals is cumulative, meaning that consumers end up receiving the 'dangerous level' at some point due to the chemical collecting after years of use."

Keep our tap water safe from the effects of fluoride! Portland has been a leader on this issue for this long. Let's not give in to government pressure now!

James Black  
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:** Bill Osmunson [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 7:48 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 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,

Fluoridation is a violation of my informed consent. I do not consent to fluoridation and request Portland ask the FDA CDER for NDA.

Bill Osmunson  
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](#)

8/24/2012

185612

**Moore-Love, Karla**

**From:** Janine Blanchard  
**Sent:** Thursday, August 23, 2012 6:41 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,

Janine Blanchard, LMT  
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:** Naga Nataka [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 6:11 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,

I can't afford the expensive filtration system needed to filter fluoride out of my drinking water, and I don't want to ingest it. I believe people should be allowed to choose for themselves whether or not they use fluoride via the toothpaste they use.

Naga Nataka  
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](#)

8/24/2012

185612

**Moore-Love, Karla**

**From:** Andrew Firpo [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 5:03 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 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,

Because I live in Portland and I have a 5 year old son.

Andrew Firpo  
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:** Lori Romike [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 5:51 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.

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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,

Lori Romike  
Lake Oswego, Oregon

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8/23/2012

185612

**Moore-Love, Karla**

**From:** Yvonna Daul [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 4:25 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.

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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.

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Sincerely,

Yvonna Daul  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Yvonna Daul [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 4:25 PM  
**To:** Moore-Love, Karla  
**Subject:** Public Review of Portland Water Supply Fluoridation

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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.

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Sincerely,

Yvonna Daul  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Sharleen Roberson [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 4:05 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,

An issue such as this should not be forced on the public, but a choice.

Sharleen Roberson  
 Portland, Oregon

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8/23/2012

**Moore-Love, Karla**

185612

**From:** Donna Anessi [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 3:27 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.

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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 is about freedom of choice. Sodium Flouride is not a nutrient. Our bodies have not evolved to drink this product. Anyone who wants to ingest flouride can use fluoride toothpaste or rinses or take pills. We should not be forced to drink the stuff.

Donna Anessi  
 Yamhill, 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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** Lisa Puma [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 3:24 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.

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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,

Fluoridation causes arteriosclerosis. Government wants to impose it's views about the value of chemicals on citizens. if you want fluoride, buy it.

Lisa Puma  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Kari Sheragy [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 2:50 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,

Kari Sheragy  
Portland, Oregon

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8/23/2012

185612

**Moore-Love, Karla**

**From:** Gelsey Kurrasch [mailto:change.org]  
**Sent:** Thursday, August 23, 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 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,

This is an issue that, at the very least, needs to be voted on.

Gelsey Kurrasch  
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:** Natalie Busch [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 2:41 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 should be able to make own decisions about my body

Natalie Busch  
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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** Jean Aalseth [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 2:37 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.

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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,

Jean Aalseth  
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:** Marybeth McDonald [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 2:22 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.

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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,

Please don't put fluoride into the waters. I work with children and the long term affects of fluoridated water is troubling.

Marybeth McDonald  
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:** Glenn Bennett [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 2:19 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.

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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,

Glenn Bennett  
Portland, Oregon

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8/23/2012

**Moore-Love, Karla**

185612

**From:** Wendy Neal  
**Sent:** Thursday, August 23, 2012 1:43 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.

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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,

Wendy Neal, DO, ND  
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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** Matthew Kimball [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 12:21 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.

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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,

Matthew Kimball  
Crosby, Texas

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:** Heather Frazier [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 12:06 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.

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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,

Heather Frazier  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Charles Hartman [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 11:57 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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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,

Charles Hartman  
Portland, Oregon

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**Moore-Love, Karla**

185612

**From:** Nia Lewis [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Thursday, August 23, 2012 9:52 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.

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

Thank you,

Coalition of Concerned Citizens

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-----  
Sincerely,

Nia Lewis  
Portland, Oregon

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8/23/2012

**Moore-Love, Karla**

185612

**From:** ron albers [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 9:48 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.

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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,

stop eating candies and brushing teeth prevents dental decay. Portland has the best drinking water in the world. Keep it that way.

ron albers  
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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** Jerod Tarte [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 9:19 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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Sincerely,

Jerod Tarte  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Anna Crowley [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 9:02 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.

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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,

Portland has some of the best water ever. I do not want added fluoride in my water. This should not be unilateral decision. The public has the right to be involved.

Anna Crowley  
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](#)

8/23/2012

**Moore-Love, Karla**

185612

**From:** Nate Young [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 8:44 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.

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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,

I have lived all of my adult life in cities without Fluoride in the water and have survived just fine. It is asinine to consider adding industrial chemicals to what is currently one of the purest municipal drinking water systems in the world!

Nate Young  
Portland, Oregon

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**Moore-Love, Karla**

**From:** Ute Munger [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 8:08 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.

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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,

no need to be ruled by governmt for some decisions that individuals should be making for themselves

Ute Munger  
 Portland, Oregon

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8/23/2012



**Moore-Love, Karla**

185612

**From:** Cynthia Hale [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 8:06 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.

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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,

Cynthia Hale  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Christian Giusto [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 8:05 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.

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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,

Christian Giusto  
Portland, Oregon

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8/23/2012

**Moore-Love, Karla**

185612

**From:** Colette Gardiner [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 7:12 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.

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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,

Colette Gardiner  
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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** mary scott [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 6:53 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.

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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,

Personal Health Choice

mary scott  
PDX, Oregon

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8/23/2012

185612

**Moore-Love, Karla**

**From:** Shandra Bauer [mailto:change.org]  
**Sent:** Thursday, August 23, 2012 6:29 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.

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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,

Shandra Bauer  
Portland, Oregon

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8/23/2012

185612

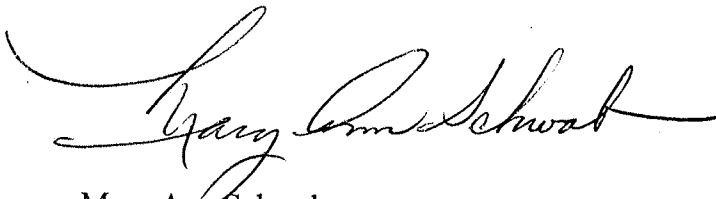
August 22, 2012

Elected Officials serving the governed:

I heard one young nursing mother voice opposition to the City Mayor and two Commissioners plan to spend \$5 million to add Fluoride on camera for all of 10-seconds. I also watched citizens waving "No Fluoride" protest signs on the steps of City Hall. Which calls for the question. Where are voices from the Malt Beverage taste expects, kidney dialysis medical professionals keeping their patient's alive, producers of high tech computer and cell phone wafers? As for my voice, I remember voting more than once in opposition to adding Fluoride in the public's drinking water.

Factoid: "...Governments are instituted among Men, deriving their just powers from the consent of the governed." ... apparently with exception to three elected officials currently serving on Portland's City Council who have already approved spending \$5 Million, payable on my water bills until hell freezes over.

Yes, like the guy on 620 Progressive Radio screaming, "I'm mad as hell."  
... ME TOO!



Mary Ann Schwab  
605 SE 38th Avenue  
Portland, OR 97214-3202

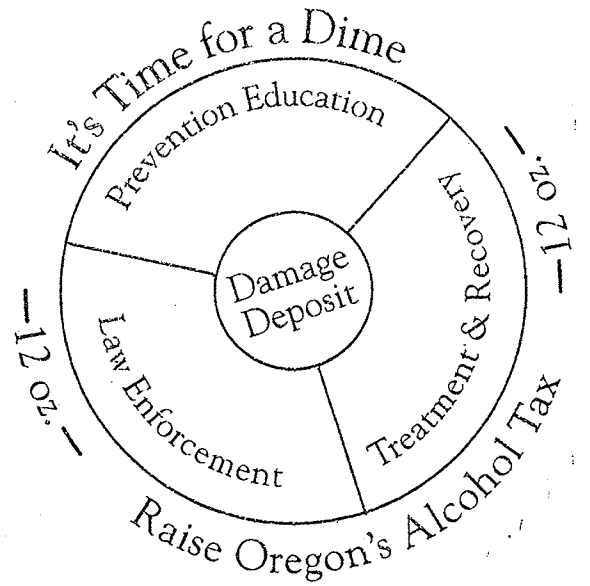
(503) 236-3522

185612

### Did you know?

- Oregon's beer tax has been frozen at less than a penny per drink since 1977.
- A 10-cent-per-drink increase could provide more than \$80 million a year in targeted funds for substance abuse prevention, treatment and recovery, and law enforcement programs.
- \$900 million of your state dollars are paid into human services each year because of alcohol and other drug problems.
- It's time the beer industry pays its fair share of the social and economic cost of its product.

Make your voice heard!  
Contact Time for a Dime Committee  
503-680-8443  
[Oregonalcoholtax.org](http://Oregonalcoholtax.org)



185612

**Moore-Love, Karla**

**From:** Zale Chadwick [mailto:mail@change.org]  
**Sent:** Wednesday, August 22, 2012 10:31 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 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 like toxic waste

Zale Chadwick  
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](#)

8/23/2012



185612

**Moore-Love, Karla**

**From:** Malgosia Cegielski [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 9:26 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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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 people of Portland have said 3 times they don't want it. It's an industry give away, it is extremely toxic to human and animal health and the environment and it makes me regret that I fought for Sam Adams against the recall because I think he has been bought off on this issue. This has nothing to do with the well being of children nor their teeth.

Malgosia Cegielski  
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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** John Feuerborn [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 9:15 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,

John Feuerborn  
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](#)

8/23/2012

185612

**Moore-Love, Karla**

**From:** tracy livermore [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 8:52 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.

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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,

tracy livermore  
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](#)

8/23/2012

Moore-Love, Karla

185612

**From:** Darlene Zimbardi [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 8:50 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.

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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,

Flouride is poison. I don't want it in our drinking water

Darlene Zimbardi  
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:** Danielle Cornelius [mailto:change.org]  
**Sent:** Wednesday, August 22, 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.

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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,

Danielle Cornelius  
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](#)

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**Moore-Love, Karla**

**From:** Nina Scott [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 8:05 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,

Our water is pure. For those interested in using fluoride topically, it is readily available. I believe the toxic influence of fluoride should be avoided at all costs.

Nina Scott  
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:** Carrie Twigg [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 7:53 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,

Carrie Twigg  
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](#)

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Moore-Love, Karla

**From:** Lynne Gibbons [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 7:16 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,

Tired of the government telling me what to do

Lynne Gibbons  
Portland, Oregon

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8/23/2012



**Moore-Love, Karla**

185612

**From:** Patrick Buono [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 7:08 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 Buono  
Portland, Oregon

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**Moore-Love, Karla**

**From:** Dahra Perkins  
**Sent:** Wednesday, August 22, 2012 6:19 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,

I do not think we have adequate evidence to show that the benefit outweighs the risk with fluoridation.

Dahra Perkins, MD  
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](#)

8/23/2012

**Moore-Love, Karla**

185614

**From:** lois foster [mailto:lois@change.org]  
**Sent:** Wednesday, August 22, 2012 6:15 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.

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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,

Any medical or dental treatment imposed by the government is not a good idea. Informed consent or denial of an educated public is what we need on the issue of adding fluoride to our pristine water supply.

lois foster  
portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Kathleen Courian-Sanchez [arttoad1@gmail.com]  
**Sent:** Thursday, August 23, 2012 11:19 AM  
**To:** Moore-Love, Karla  
**Subject:** Opposed to Fluoridation in Our Water  
**Attachments:** OppositionFluoride.pdf

Karla,

I'm putting this letter in the body of this email, as well as attaching a pdf, for ease on your end. Thank you! I also have sent several correspondences directly to each member in the last week, but did not send them to you to be put in the public record. I will do that in the next messages to you. Thanks again.

August 23, 2012

Dear Mayor Adams and City Council Commissioners,

August 23, 2012

Dear Mayor Adams and City Council Commissioners,

I'm a Portland resident of just over 5 years, married, mother of a thriving 10 year old son. Prior to living here we lived in Southern Oregon. Fortunately neither city has fluoridated water. As I'm sure you are aware, Portland has voted down fluoridating their water 3 times. This decision should not be made by your organization, nor by the city council, but by the citizens of Portland alone.

As noble and philanthropic as your venture to help underprivileged children's dental health is, your plan to fluoridate Portland's water is not the solution. I have only begun to do the research on fluoridated water, and am very disturbed by my findings. I didn't have a strong clear opinion going in, other than it's against my constitutional rights to have medication given to me without my consent. I have read materials on all sides of this issue: anti-fluoride, CDC and EPA sites with studies and reports, fluoride fact sheets (which lists the danger to children 0-8 from over fluoridation, link below), as well as independent research studies, journal articles, newspaper coverage.

Then read about the chemicals themselves that are used in the fluoridation process, and toxicology reports.

The CDC site, which has links to studies regarding side affects linked to fluoride, states over exposure to fluoride is most prevalent in children from 0-8, and with so many items containing fluoride these days, adding it to the water is just going to increase the chances. I also looked at the EPA studies. There was a Harvard study conducted that links fluoride use to lower IQ. Also, it's being linked to thyroid disease, cancer, brittle bones.....

Here is a paragraph off the CDC site: "Children under age 8 and younger exposed to excessive amounts of fluoride have an increased chance of developing pits in the tooth enamel. Excessive consumption of fluoride over a lifetime may increase the likelihood of bone fractures, and may result in effects on bone leading to pain and tenderness, a condition called skeletal fluorosis."

**Some (all?) of the city council members mistakenly think the fluoride used in water fluoridation is "natural" or the same pharmaceutical grade, FDA approved, fluoride used by dentists topically, prescribed in RX or that is in your fluoride toothpaste. It is NOT THE SAME!**

The fluoride that is found in toothpaste or fluoride tablets is sodium fluoride, pharmaceutical grade, it's been tested and approved by the FDA. It comes with a warning label "Do not swallow" "if swallowed call for medical help". The tablets are monitored by your dentist, based on your child's age, weight, health. It's toxic. It actually is effective topically, I guess, at least that's when it's most effective (I'm questioning that altogether now, honestly). It is not to be ingested.

The fluoride chemicals used for the fluoridation of the water are **NOT** the same type of fluoride, it's **Sodium Hexafluorosilicate and Fluorosilicic Acid, inorganic chemical compound contaminants**, that previously were used in insecticides, pesticides and rodenticide. **It hasn't been tested by the FDA** because it's not pharmaceutical grade, and it's not being sold as an ingredient in a product so it falls outside their scope and regulations. The EPA regulates how much of a "contaminant" can be added to the water system, so they set the limits. The EPA has recently lowered the maximum amount added to .7 - 1.2mg from what it was before 2-4mg because they are concerned about its safety. So much so, that the EPA scientists want to eliminate its use altogether, and they are on their way, but that process is slow. **The chemicals are a by-products of manufacturing phosphate fertilizer and often contain arsenic and sometimes contain lead, both known carcinogens.** **These fluoridation chemicals also release lead into the water system at very high levels. Lead poisoning has already been seen in school children in Seattle (and other cities in the US) because of the introduction of fluoride chemicals into the**

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water system. See the impacts of lead on children from The Franklin Institute, <http://www.fi.edu/learn/brain/metals.html#children>

From the toxicology report:

"Sodium Hexafluorosilicate [CASRN 16893-85-9]  
and Fluorosilicic Acid [CASRN 16961-83-4]

Review of Toxicological Literature

Prepared for Scott Masten, Ph.D. National Institute of Environmental Health Sciences P.O. Box 12233 Research Triangle Park, North Carolina 27709 Contract No. N01-ES-65402

Submitted by Karen E. Haneke, M.S. (Principal Investigator) Bonnie L. Carson, M.S. (Co-Principal Investigator) Integrated Laboratory Systems P.O. Box 13501 Research Triangle Park, North Carolina 27709

Sodium hexafluorosilicate and fluorosilicic acid were nominated for toxicological testing based on their widespread use in water fluoridation and concerns that if they are not completely dissociated to silica and fluoride in water that persons drinking fluoridated water may be exposed to compounds that have not been thoroughly tested for toxicity.

The EPA refers to these chemicals as "contaminants". They are used in the commercial laundry business, in enamels for china and porcelain...metallurgy, glue, ore flotation, leather and wood preservatives, insecticides, rodenticides, during the manufacture of pure silicon, as a gelling agent of molded latex foam. Apparently, all pesticidal products had their registrations cancelled or they were discontinued by the early 1990s.

Its affect on humans: Cases of sodium hexafluorosilicate ingestion reported symptoms such as acute respiratory failure, ventricular The effects of long-term exposure to fluorosilicic acid are changes in bone, corrosivity of the mucous membranes (e.g., ulceration of the nose, throat, and bronchial tubes), coughing, shock, pulmonary edema, fluorosis, coma, and even death. In workers engaged for approximately 30 years in the production of phosphate fertilizers, nine out of the 50 observed workers had increased bone densities. When swallowed, severe irritation of the lungs, nose, and throat can occur, as well as severe damage to the throat and stomach. tachycardia and fibrillation, hypocalcemia, facial numbness, diarrhea, tachycardia, enlarged liver, and cramps of the palms, feet, and legs.

In animals: Sodium hexafluorosilicate poisoning has been reported in domestic animals (cattle, sheep, a horse, and a pigeon). Animals exhibited drowsiness, constipation, loss of appetite, paresis of the rumen, severe abdominal pain, and diarrhea. Sheep also exhibited grinding of the teeth (an indication of pain) and frothing at the mouth in most cases of lethal poisoning, while the horse also had bradycardia. In a study in which sheep were orally administered technical sodium hexafluorosilicate (25, 50, 200, 1500, and 2000 mg/kg; 0.13, 0.27, 1.06, 7.976, and 10.63 mmol/kg) via stomach tube, the animals exhibited similar symptoms. Animals died 6 days after administration of 200 mg/kg and 2.5 hours after administration of 2000 mg/kg. When a dairy herd of 600 animals was acutely poisoned from railcar contamination of feed, 95% of the animals had decreased neuromuscular transmission. The poisoning resembled calcium depletion.

When heated to decomposition, sodium hexafluorosilicate releases toxic fumes of hydrogen fluoride and sodium oxide, while contact with metals releases hydrogen gas. In water, the compound readily dissociates to sodium ions and hexafluorosilicate ions and then to hydrogen gas, fluoride ions, and hydrated silica. At the pH of drinking water (6.5-8.5) and at the concentration usually used for fluoridation (1 mg fluoride/L), the degree of hydrolysis is essentially 100%. Fluorosilicic acid is a moderately strong acid that can corrode glass and stoneware. Like its salt, its degree of hydrolysis is essentially 100% in drinking water, and when reacted with steam or water or when heated to decomposition or highly acidified, toxic and corrosive fumes of fluorides (e.g., hydrogen fluoride and silicon tetrafluoride) are released. It also reacts with metals, producing hydrogen gas.

The major use of sodium hexafluorosilicate and fluorosilicic acid is as fluoridation agents for drinking water. Sodium hexafluorosilicate has also been used for caries control as part of a silicophosphate cement, an acidic gel in combination with monocalcium phosphate monohydrate, and a two-solution fluoride mouth rinse. Both chemicals are also used as a chemical intermediate (raw material) for aluminum trifluoride, cryolite (Na<sub>3</sub>AlF<sub>6</sub>), silicon tetrafluoride, and other fluorosilicates and have found applications in commercial laundry.

Other applications for sodium hexafluorosilicate include its use in enamels/enamel frits for china and porcelain, in opalescent glass, metallurgy (aluminum and beryllium), glue, ore flotation, leather and wood preservatives, and in insecticides and rodenticides. It has been used in the manufacture of pure silicon, as a gelling agent in the production of molded latex foam, and as a fluorinating agent in organic synthesis to convert organodichlorophosphorus compounds to the corresponding organodifluorophosphorus compound. In veterinary practice, external application of sodium hexafluorosilicate combats lice and mosquitoes on cattle, sheep, swine, and poultry, and oral administration combats roundworms and possibly whipworms in swine and prevents dental caries in rats. Apparently, all pesticidal products had their registrations cancelled or they were discontinued by the early 1990s."

I sincerely hope that you will read every word of this report, not all the side affects are in the paragraphs here.

Needless to say, after reading this report (along with my other research), I would never allow my child to consume any amount of these toxic chemicals, nor run the risk of him being exposed to high lead in the drinking water because of its leaching affects. The chemicals used for water fluoridation release lead from old pipes into the water, of which Portland has many. As with many "drugs" (I use that term loosely), the adverse side affects don't show themselves until years down the road, which is now the case with fluoridated water. More and more cities are reversing the use of fluoridation because they have done the research. The EPA wants to issue a mandate to bring added fluoridation to ZERO because they know the harmful affects to humans, animals and the environment. This is only a small sampling of the information that is out there to be read.

Regarding lead and fluoridation, the following is from Tamara Rubins, Executive Director, Lead Safe America Foundation (<http://www.leadsafeamerica.org/>) states: "Fluoride in the water system leads to increased lead leeching from fixtures and pipes and increased lead absorption by children. It increases the risk of brain damage due to lead that children (like mine) are more likely to get in a city like Portland where such a large percentage of the housing stock is older.

8/23/2012

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As you already likely know - lead has been found in unsafe levels in the pipes in Portland Public Schools (specifically those leading to the water fountains) as well as a large percentage of homes in Portland. I have already butted heads with school officials for not changing the water filters under the fountains with sufficient frequency and then subsequently not allowing my son to keep a water bottle of fresh filtered lead-free water at his desk (with one teacher INSISTING he use the water fountains!)

If the City of Portland contaminates the water supply with fluoride and increases children's exposure to lead—I would anticipate that some parents might feel compelled to sue the City for increasing lead- exposure-related health impairments their children suffer (autism spectrum symptoms, A.D.D., A.D.H.D. & more.)

A quote from one study:

'This toxicological study, which describes the more than doubling of lead levels in blood and other tissues when hydrofluosilicic acid is present with other lead sources, is additionally significant for its confirmation of the findings of epidemiological studies involving a combined 400,000 children published by Masters and Coplan (1999, 2000).'

Sodium fluoride (the FDA approved form of fluoride), is available and distributed currently to all school children through PPS in topical and tablet form. It's a system in place, that is working.

I agree that underprivileged children need our help. What you are proposing is not the solution, and actually would be causing damage to the very children you are attempting to help (read the affects of over fluoridation on communities of color, as well as lead exposure), and the rest of the population of Portland, not to mention the environment and wildlife. We need to move away from bandage answers to large systemic society problems. Our communities need access to consistent dental care and education—in oral hygiene and in nutrition. Most, if not all, the problems dentists see in children's teeth are preventable at best and minimized at worst, by dental care, education and proper nutrition. Medication is prescribed by doctors and dentists and is based on the patient's age, health and weight and monitored by the professional in the medical field. Mass fluoridation distributes a "one size fits all", to every man, woman, child and pet.

So far, I haven't even touched on the environmental impact, but have included an article about the studies that Paul Engelking, a chemistry professor at University of Oregon has done on the impact of fluoride on salmon.

This is not right, it is unethical, and I hope you don't move forward with this proposal. At the very least, I would like you to present documentation from the chemical companies that proves these chemicals are safe (the pro-fluoride groups do not have this information, we want toxicology reports from the chemical manufacturers), with long term studies and impacts on human and animal health. Since you are promoting something that puts people's health in danger, I hope you respect the public enough to do the research, including what I have attached here.

<http://latimesblogs.latimes.com/greenspace/2011/01/fluoride-drinking-water-regulations.html>

<http://www.heraldnet.com/article/20120324/OPINION03/703249995>

<http://www.prweb.com/releases/2011/10/prweb8920905.htm>

<http://www.nteu280.org/Issues/Fluoride/NTEU280-Fluoride.htm>

[http://www.sacramentoexpress.com/headline/45359/Drinking\\_Water\\_Fluoridation\\_A\\_Roadblock\\_to\\_Greenness](http://www.sacramentoexpress.com/headline/45359/Drinking_Water_Fluoridation_A_Roadblock_to_Greenness)

[http://www.youtube.com/watch?feature=player\\_embedded&v=ViNNIwmzTzI](http://www.youtube.com/watch?feature=player_embedded&v=ViNNIwmzTzI)

<http://www.nofluoride.com/Salmon.cfm>

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Sincerely,

Kathleen Courian-Sanchez

8/23/2012

August 23, 2012

Dear Mayor Adams and City Council Commissioners,

I'm a Portland resident of just over 5 years, married, mother of a thriving 10 year old son. Prior to living here we lived in Southern Oregon. Fortunately neither city has fluoridated water. As I'm sure you are aware, Portland has voted down fluoridating their water 3 times. This decision should not be made by your organization, nor by the city council, but by the citizens of Portland alone.

As noble and philanthropic as your venture to help underprivileged children's dental health is, your plan to fluoridate Portland's water is not the solution. I have only begun to do the research on fluoridated water, and am very disturbed by my findings. I didn't have a strong clear opinion going in, other than it's against my constitutional rights to have medication given to me without my consent. I have read materials on all sides of this issue: anti-fluoride, CDC and EPA sites with studies and reports, fluoride fact sheets (which lists the danger to children 0-8 from over fluoridation, link below), as well as independent research studies, journal articles, newspaper coverage.

Then read about the chemicals themselves that are used in the fluoridation process, and toxicology reports.

The CDC site, which has links to studies regarding side effects linked to fluoride, states over exposure to fluoride is most prevalent in children from 0-8, and with so many items containing fluoride these days, adding it to the water is just going to increase the chances. I also looked at the EPA studies. There was a Harvard study conducted that links fluoride use to lower IQ. Also, it's being linked to thyroid disease, cancer, brittle bones.....

Here is a paragraph off the CDC site: "Children under age 8 and younger exposed to excessive amounts of fluoride have an increased chance of developing pits in the tooth enamel. Excessive consumption of fluoride over a lifetime may increase the likelihood of bone fractures, and may result in effects on bone leading to pain and tenderness, a condition called skeletal fluorosis."

**Some (all?) of the city council members mistakenly think the fluoride used in water fluoridation is "natural" or the same pharmaceutical grade, FDA approved, fluoride used by dentists topically, prescribed in RX or that is in your fluoride toothpaste. It is NOT THE SAME!**

The fluoride that is found in toothpaste or fluoride tablets is sodium fluoride, pharmaceutical grade, it's been tested and approved by the FDA. It comes with a warning label "Do not swallow" "if swallowed call for medical help". The tablets are monitored by your dentist, based on your child's age, weight, health. It's toxic. It actually is effective topically, I guess, at least that's when it's most effective (I'm questioning that altogether now, honestly). It is not to be ingested.

The fluoride chemicals used for the fluoridation of the water are **NOT** the same type of fluoride, it's **Sodium Hexafluorosilicate and Fluorosilicic Acid, inorganic chemical compound contaminants**, that previously were used in insecticides, pesticides and rodenticide. **It hasn't been tested by the FDA** because it's not pharmaceutical grade, and it's not being sold as an ingredient in a product so it falls outside their scope and regulations. The EPA regulates how much of a "contaminant" can be added to the water system, so they set the limits. The EPA has recently lowered the maximum amount added to .7 - 1.2mg from what it was before 2-4mg because they are concerned about its safety. So much so, that the EPA scientists want to eliminate its use altogether, and they are on their way, but that process is slow. **The chemicals are a by-products of manufacturing phosphate fertilizer and often contain arsenic and sometimes contain lead, both known carcinogens.**

**These fluoridation chemicals also release lead into the water system at very high levels. Lead poisoning has already been seen in school children in Seattle (and other cities in the US) because of the introduction of**

fluoride chemicals into the water system. See the impacts of lead on children from The Franklin Institute, <http://www.fi.edu/learn/brain/metals.html#children>

From the toxicology report:

"Sodium Hexafluorosilicate [CASRN 16893-85-9]  
and Fluorosilicic Acid [CASRN 16961-83-4]

#### Review of Toxicological Literature

Prepared for Scott Masten, Ph.D. National Institute of Environmental Health Sciences P.O. Box 12233 Research Triangle Park, North Carolina 27709 Contract No. N01-ES-65402

Submitted by Karen E. Haneke, M.S. (Principal Investigator) Bonnie L. Carson, M.S. (Co-Principal Investigator) Integrated Laboratory Systems P.O. Box 13501 Research Triangle Park, North Carolina 27709

Sodium hexafluorosilicate and fluorosilicic acid were nominated for toxicological testing based on their widespread use in water fluoridation and concerns that if they are not completely dissociated to silica and fluoride in water that persons drinking fluoridated water may be exposed to compounds that have not been thoroughly tested for toxicity.

The EPA refers to these chemicals as "contaminants". They are used in the commercial laundry business, in enamels for china and porcelain...metallurgy, glue, ore flotation, leather and wood preservatives, insecticides, rodenticides, during the manufacture of pure silicon, as a gelling agent of molded latex foam. Apparently, all pesticidal products had their registrations cancelled or they were discontinued by the early 1990s.

Its affect on humans: Cases of sodium hexafluorosilicate ingestion reported symptoms such as acute respiratory failure, ventricular The effects of long-term exposure to fluorosilicic acid are changes in bone, corrosivity of the mucous membranes (e.g., ulceration of the nose, throat, and bronchial tubes), coughing, shock, pulmonary edema, fluorosis, coma, and even death. In workers engaged for approximately 30 years in the production of phosphate fertilizers, nine out of the 50 observed workers had increased bone densities. When swallowed, severe irritation of the lungs, nose, and throat can occur, as well as severe damage to the throat and stomach. tachycardia and fibrillation, hypocalcemia, facial numbness, diarrhea, tachycardia, enlarged liver, and cramps of the palms, feet, and legs.

In animals: Sodium hexafluorosilicate poisoning has been reported in domestic animals (cattle, sheep, a horse, and a pigeon). Animals exhibited drowsiness, constipation, loss of appetite, paresis of the rumen, severe abdominal pain, and diarrhea. Sheep also exhibited grinding of the teeth (an indication of pain) and frothing at the mouth in most cases of lethal poisoning, while the horse also had bradycardia. In a study in which sheep were orally administered technical sodium hexafluorosilicate (25, 50, 200, 1500, and 2000 mg/kg; 0.13, 0.27, 1.06, 7.976, and 10.63 mmol/kg) via stomach tube, the animals exhibited similar symptoms. Animals died 6 days after administration of 200 mg/kg and 2.5 hours after administration of 2000 mg/kg. When a dairy herd of 600 animals was acutely poisoned from railcar contamination of feed, 95% of the animals had decreased neuromuscular transmission. The poisoning resembled calcium depletion.

When heated to decomposition, sodium hexafluorosilicate releases toxic fumes of hydrogen fluoride and sodium oxide, while contact with metals releases hydrogen gas. In water, the compound readily dissociates to sodium ions and hexafluorosilicate ions and then to hydrogen gas, fluoride ions, and hydrated silica. At the pH of drinking water (6.5-8.5) and at the concentration usually used for fluoridation (1 mg fluoride/L), the degree of hydrolysis is essentially 100%. Fluorosilicic acid is a moderately strong acid that can corrode glass and stoneware. Like its salt, its degree of hydrolysis is essentially 100% in drinking water, and when reacted with steam or water or when heated to decomposition or highly acidified, toxic and corrosive fumes of fluorides (e.g., hydrogen fluoride



and silicon tetrafluoride) are released. It also reacts with metals, producing hydrogen gas.

The major use of sodium hexafluorosilicate and fluorosilicic acid is as fluoridation agents for drinking water. Sodium hexafluorosilicate has also been used for caries control as part of a silicophosphate cement, an acidic gel in combination with monocalcium phosphate monohydrate, and a two-solution fluoride mouth rinse. Both chemicals are also used as a chemical intermediate (raw material) for aluminum trifluoride, cryolite ( $\text{Na}_3\text{AlF}_6$ ), silicon tetrafluoride, and other fluorosilicates and have found applications in commercial laundry.

Other applications for sodium hexafluorosilicate include its use in enamels/enamel frits for china and porcelain, in opalescent glass, metallurgy (aluminum and beryllium), glue, ore flotation, leather and wood preservatives, and in insecticides and rodenticides. It has been used in the manufacture of pure silicon, as a gelling agent in the production of molded latex foam, and as a fluorinating agent in organic synthesis to convert organodichlorophosphorus compounds to the corresponding organodifluorophosphorus compound. In veterinary practice, external application of sodium hexafluorosilicate combats lice and mosquitoes on cattle, sheep, swine, and poultry, and oral administration combats roundworms and possibly whipworms in swine and prevents dental caries in rats. Apparently, all pesticidal products had their registrations cancelled or they were discontinued by the early 1990s."

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Toxicology Report 2001:

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Sincerely,

Kathleen Courian-Sanchez

“Does Fluoride in Drinking Water Hurt Your Brain?”

by Dr. Keith Ablow is a psychiatrist and member of the Fox News Medical

Article published August 22, 2012

Read more: <http://www.foxnews.com/health/2012/08/22/does-fluoride-in-drinking-water-hurt-your-brain/#ixzz24JGY04hW>

“Back in 2011, the EPA reversed course and lowered the recommended maximum amount of fluoride in drinking water due to data that the levels then being allowed put kids at risk of dental fluorosis--streaking and pitting of teeth due to excessive fluoride, which also puts tooth enamel at risk.

This conclusion was a discordant note amidst all the accolades fluoride had won, starting with the discovery during the 1940s that people who lived near water supplies containing naturally occurring fluoride had fewer cavities in their teeth. A massive push ensued, with government and industry encouraging cities and towns to add fluoride to water supplies.

Related: Dental health linked to dementia risk

Now, questions about the impact of fluoride on mental health are growing and can no longer be ignored.

A recently published Harvard study showed that children living in areas with highly fluoridated water have “significantly lower” IQ scores than those living in areas where the water has low fluoride levels. In fact, the study analyzed the results of 27 prior investigations and found the following, among other conclusions:

\* Fluoride may be a developmental neurotoxicant that affects brain development (in children) at exposures much below those that cause toxicity in adults.

\* Rats exposed to (relatively low) fluoride concentrations in water showed cellular changes in the brain and increased levels of aluminum in brain tissue.

Other research studies in animals link fluoride intake to the development of beta-amyloid plaques (the classic finding in the brains of patients with Alzheimer’s dementia).

And research on fluoride also has implicated it in changing the structure of the brains of fetuses, negatively impacting the behavioral/neurological assessment scores of newborns and, in animal studies, impairing memory.

This information is very important, from a psychiatric standpoint, because we have witnessed rising rates of attention deficit disorder, major depression, dementia and many other psychiatric illnesses since the 1940s, and because the United States (which fluoridates a much higher percentage of its drinking water than most countries, including European nations) has some of the highest rates of mental disorders in the world--by a wide margin.

It is not clear, of course, that fluoride is responsible wholly, or even in small measure, for these facts, but the connection is an intriguing one, especially in light of the new Harvard study.

Given the available data, I would recommend that children with learning disorders, attention deficit disorder, depression, attention-deficit disorder or other psychiatric illnesses refrain from drinking fluoridated water, and consult a dentist about the most effective way of delivering sufficient fluoride to the teeth directly, while minimizing absorption by the body as a whole--and the brain, specifically.

Dr. Keith Ablow is a psychiatrist and member of the Fox News Medical A-Team. Dr. Ablow can be reached at [info@keithablow.com](mailto:info@keithablow.com).”

**Moore-Love, Karla**

---

**From:** Kathleen Courian-Sanchez [arttoad1@gmail.com]  
**Sent:** Thursday, August 23, 2012 11:21 AM  
**To:** Moore-Love, Karla  
**Subject:** Forgot attachment

**Attachments:** fluorosilicates.pdf



fluorosilicates.pdf  
f (206 KB)

Hi Karla,

I forgot to attach a toxicology report on the chemicals used for water fluoridation, could you submit this to public record? Thank you, also could you forward it to all the council members? Appreciate it.

Thank you.

Kathleen Sanchez

**Sodium Hexafluorosilicate**  
**[CASRN 16893-85-9]**

**and**

**Fluorosilicic Acid**  
**[CASRN 16961-83-4]**

**Review of Toxicological Literature**

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**Review of Toxicological Literature**

*Prepared for*

**Scott Masten, Ph.D.**  
**National Institute of Environmental Health Sciences**  
**P.O. Box 12233**  
**Research Triangle Park, North Carolina 27709**  
**Contract No. N01-ES-65402**

*Submitted by*

**Karen E. Haneke, M.S. (Principal Investigator)**  
**Bonnie L. Carson, M.S. (Co-Principal Investigator)**  
**Integrated Laboratory Systems**  
**P.O. Box 13501**  
**Research Triangle Park, North Carolina 27709**

**October 2001**

## Executive Summary

### Nomination

Sodium hexafluorosilicate and fluorosilicic acid were nominated for toxicological testing based on their widespread use in water fluoridation and concerns that if they are not completely dissociated to silica and fluoride in water that persons drinking fluoridated water may be exposed to compounds that have not been thoroughly tested for toxicity.

### Nontoxicological Data

#### Analysis and Physical-Chemical Properties

Analytical methods for sodium hexafluorosilicate include the lead chlorofluoride method (for total fluorine) and an ion-specific electrode procedure. The percentage of fluorosilicic acid content for water supply service application can be determined by the specific-gravity method and the hydrogen titration method. The American Water Works Association (AWWA) has specified that fluorosilicic acid contain 20 to 30% active ingredient, a maximum of 1% hydrofluoric acid, a maximum of 200 mg/kg heavy metals (as lead), and no amounts of soluble mineral or organic substance capable of causing health effects. Recently, single-column ion chromatography with conductometric detection and sodium hydroxide-methanol-water eluent was used for the simultaneous determination of fluorosilicic acid,  $\text{Ca}^{2+}$ ,  $\text{Mg}^{2+}$ ,  $\text{Al}^{3+}$ ,  $\text{Cl}^-$ , and  $\text{NO}_3^-$  and successfully applied to the analysis of mineral water and composite tablets.

When heated to decomposition, sodium hexafluorosilicate releases toxic fumes of hydrogen fluoride and sodium oxide, while contact with metals releases hydrogen gas. In water, the compound readily dissociates to sodium ions and hexafluorosilicate ions and then to hydrogen gas, fluoride ions, and hydrated silica. At the pH of drinking water (6.5-8.5) and at the concentration usually used for fluoridation (1 mg fluoride/L), the degree of hydrolysis is essentially 100%. Fluorosilicic acid is a moderately strong acid that can corrode glass and stoneware. Like its salt, its degree of hydrolysis is essentially 100% in drinking water, and when reacted with steam or water or when heated to decomposition or highly acidified, toxic and corrosive fumes of fluorides (e.g., hydrogen fluoride and silicon tetrafluoride) are released. It also reacts with metals, producing hydrogen gas.

#### Commercial Availability, Production, and Uses

Sodium hexafluorosilicate is usually commercially available in technical and C.P. grades; it was formally available in insecticides of up to ~98% purity such as granular baits. A typical product contains 59.34% fluorine and a maximum of 0.50% each of water moisture, water-insoluble matter, and heavy metals (as lead). Fluorosilicic acid is commercially available as aqueous solutions (up to 70%) in technical and C.P. grades. A typical product contains a maximum of 23% of the acid, a minimum of 18.22% fluorine, a maximum of 0.02% heavy metals (as lead), and <1.00% hydrofluoric acid. Many U.S. producers and suppliers are available for both compounds (over 20 for each). Bulk producers/suppliers include Lucier Chemical Industries and Creanova Inc.

Sodium hexafluorosilicate is produced by treating fluorosilicic acid with sodium hydroxide, sodium carbonate, or sodium chloride; alkalinity is adjusted to avoid the release of the fluoride. Fluorosilicic acid is mainly produced as a byproduct of the manufacture of phosphate fertilizers

where phosphate rock is treated with sulfuric acid. It can also be made by the reaction of sulfuric acid on barium hexafluorosilicate, apatite, or fluorite (fluorspar).

The latest available figure for U.S. production of sodium hexafluorosilicate is 19,600 metric tons (43.2 million pounds) in 1984. In that same year, 3000 metric tons (6.61 million pounds) was imported. In 1995, ten phosphate rock processing plants produced 55,900 metric tons (123 million pounds) of fluorosilicic acid as a byproduct. In 1999, ten plants again reported on the production of fluorosilicic acid as a byproduct from phosphate rock processing; 69,200 metric tons (153 million pounds) was produced. This was an almost 3% increase in output from the previous year.

The major use of sodium hexafluorosilicate and fluorosilicic acid is as fluoridation agents for drinking water. Sodium hexafluorosilicate has also been used for caries control as part of a silicophosphate cement, an acidic gel in combination with monocalcium phosphate monohydrate, and a two-solution fluoride mouth rinse. Both chemicals are also used as a chemical intermediate (raw material) for aluminum trifluoride, cryolite ( $\text{Na}_3\text{AlF}_6$ ), silicon tetrafluoride, and other fluorosilicates and have found applications in commercial laundry.

Other applications for sodium hexafluorosilicate include its use in enamels/enamel frits for china and porcelain, in opalescent glass, metallurgy (aluminum and beryllium), glue, ore flotation, leather and wood preservatives, and in insecticides and rodenticides. It has been used in the manufacture of pure silicon, as a gelling agent in the production of molded latex foam, and as a fluorinating agent in organic synthesis to convert organodichlorophosphorus compounds to the corresponding organodifluorophosphorus compound. In veterinary practice, external application of sodium hexafluorosilicate combats lice and mosquitoes on cattle, sheep, swine, and poultry, and oral administration combats roundworms and possibly whipworms in swine and prevents dental caries in rats. Apparently, all pesticidal products had their registrations cancelled or they were discontinued by the early 1990s.

Fluorosilicic acid is used in the tanning of animal hides and skins, in ceramics and glass, in technical paints, in oil well acidizing, in the manufacture of hydrogen fluoride, for the sterilization of equipment (e.g., in brewing and bottling establishments and for copper and brass vehicles), and in electroplating. It is also employed as an impregnating ingredient to preserve wood and harden masonry and for the removal of mold as well as rust and stain in textiles.

#### Environmental Occurrence and Persistence

Fluorosilicic acid (30-35%) can readily be recovered in the hydrogen fluoride process from the silicon tetrafluoride-containing plant vent gases, as well as from wet-process phosphoric acid plants. In the manufacture of phosphate fertilizer in Central Florida, fluorides and radionuclides (radium and uranium) are released as toxic pollutants. During the acidulation process, radon gas can be released and carried into the fluorosilicic acid, while polonium can be captured during the scrubbing process and combined with fluoride.

For drinking water fluoridation, the maximum use level (MUL) for sodium hexafluorosilicate is 2 mg/L; for fluorosilicic acid, the level is 6 mg/L of a 25% fluorosilicic acid solution. Both values correspond to a fluoride concentration of 1.2 mg/L, which is below the U.S.



Environmental Protection Agency's (EPA's) Maximum Contaminant Level (MCL) of 4.0 mg/L and the Secondary Maximum Contaminant Level (SMCL) of 2.0 mg/L. The National Sanitation Foundation (NSF) has established a Maximum Drinking Water Level of 16 mg/L for silicates and a Maximum Allowable Level (MAL) of 1.2 mg fluoride/L for its certified products used in drinking water.

#### Human Exposure

Potential exposure to sodium hexafluorosilicate and fluorosilicic acid is via inhalation and eye and skin contact. Another route for the former compound is ingestion. Although current data indicate that silicofluorides are used in over 9200 U.S. water treatment systems, serving over 120 million individuals, exposure via drinking water is expected to be minimal since both compounds hydrolyze almost completely under these conditions.

In the workplace, exposure to both chemicals is possible during their manufacture, transportation, or use in water treatment. In the National Institute for Occupational Safety and Health (NIOSH) 1983 National Occupation Exposure Survey (NOES), 79,556 employees were potentially exposed to sodium hexafluorosilicate, while 10,867 were potentially exposed to fluorosilicic acid.

#### Regulations

Workers treating agricultural products with insecticides such as weevil baits and persons using roach baits and other insecticidal products containing sodium hexafluorosilicate in the home may have been exposed by inhalation or the skin, and by hand-to-mouth contact. In the United States, all pesticide uses of sodium hexafluorosilicate have been cancelled. (It is noted that its use as an insecticide is currently listed in the *2001 Farm Chemicals Handbook*, which does not note discontinuation of the product Safsan.) Both sodium hexafluorosilicate and fluorosilicic acid are listed in Section 8(b) of the Toxic Substances Control Act (TSCA; chemical inventory section). Both are also exempt from reporting under the Inventory Update Rule (i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports [40CFR, Section 710(b)]). The Occupational Safety and Health Administration (OSHA) and American Conference of Governmental Industrial Hygienists (ACGIH) have established an eight-hour time-weighted average (TWA) of 2.5 mg/m<sup>3</sup> fluorides, as fluorine, for work place exposure. NIOSH has also recommended an air exposure level to inorganic fluorides of 2.5 mg F/m<sup>3</sup> but as a ten-hour TWA.

### **Toxicological Data**

#### Human Data

Chronic exposure to sodium hexafluorosilicate dust at levels above the eight-hour TWA can result in severe calcification of the ribs, pelvis, and spinal column ligaments; effects on the enzyme system; pulmonary fibrosis; stiffness; irritation of the eyes, skin, and mucous membranes; weight loss; anorexia; anemia; cachexia; wasting; and dental effects. Long-term or repeated exposure to the skin can result in skin rash. A probable oral lethal dose of 50-500 mg/kg, classified as very toxic, has been reported for a 150-pound (70-kg) person receiving between 1 teaspoon and 1 ounce of sodium hexafluorosilicate. Cases of sodium hexafluorosilicate ingestion reported symptoms such as acute respiratory failure, ventricular

tachycardia and fibrillation, hypocalcemia, facial numbness, diarrhea, tachycardia, enlarged liver, and cramps of the palms, feet, and legs.

The symptoms of inhalation of fluorosilicic acid include burning of the eyes and numbness around the lips. Symptoms do not necessarily occur immediately; they can appear 24 hours after exposure. A spill incident of the chemical on an interstate in Florida, covering an area 600 feet long and 60 feet wide, resulted in the visit of more than 50 people to hospitals. Individuals complained of skin and respiratory irritation, including burning in the throat, and headaches. A man riding in a truck with his arm out the window experienced burning on his forearm. The effects of long-term exposure to fluorosilicic acid are changes in bone, corrosivity of the mucous membranes (e.g., ulceration of the nose, throat, and bronchial tubes), coughing, shock, pulmonary edema, fluorosis, coma, and even death. In workers engaged for approximately 30 years in the production of phosphate fertilizers, nine out of the 50 observed workers had increased bone densities. When swallowed, severe irritation of the lungs, nose, and throat can occur, as well as severe damage to the throat and stomach. A probable oral lethal dose of 50-5000 mg/kg, classified as very toxic, has been reported for doses between 1 teaspoon and 1 ounce for a 150-pound (70-kg) person; a probable oral lethal dose of 5-50 mg/kg, classified as extremely toxic, has been reported for doses between 7 drops and 1 teaspoon for the same individual.

#### Chemical Disposition, Metabolism, and Toxicokinetics

In a female chemical plant worker who ingested sodium hexafluorosilicate in a suicide attempt, fluoride levels in serum and fresh urine were 5.130 and 235.60 mg/dm<sup>3</sup>, respectively, on day 2 of hospitalization; treatment with calcium compounds (calcium carbonate and calcium lactogluconate) immediately returned levels to normal. In 50 workers engaged for approximately 30 years in the production of phosphate fertilizers and exposed to gaseous fluoride (hydrogen fluoride, silicon tetrafluoride, and fluorosilicic acid), urine fluoride excretion ranged from 1.0 to 9.6 mg F<sup>-</sup>/L (controls: 0.3 to 1.2).

In rats fed a diet containing 0.16% sodium hexafluorosilicate supplemented in a corn-soybean oilmeal-casein ration *ad libitum* for 22-23 days, the average amounts of fluorine were 94.4 mg in feces and 91.9 mg in urine. The mean amount of fluorine absorbed was 65.1% and that retained was 31.0%.

Fluorine concentrations in stomach/rumen contents, urine, and blood serum have been determined in domestic animals experiencing sodium hexafluorosilicate poisoning. Significantly elevated levels were initially found, which decreased with time.

#### Acute Toxicity

In mice, an oral LD<sub>50</sub> of 70 mg/kg (0.37 mmol/kg) for sodium hexafluorosilicate was reported. In rats, oral LD<sub>50</sub> values of 125 and 430 mg/kg (0.665 and 2.29 mmol/kg, respectively) were calculated, while a TD<sub>Lo</sub> of 248 mg/kg (1.32 mmol/kg) was calculated. A subcutaneous LD<sub>Lo</sub> of 70 mg/kg (0.37 mmol/kg) was also reported in the animals. In rabbits, the oral LD<sub>50</sub> value was 125 mg/kg (0.665 mmol/kg). In guinea pigs, an LC<sub>Lo</sub> value of 33 mg/kg (0.18 mmol/kg) for sodium hexafluorosilicate was observed; additionally, an oral LD<sub>50</sub> of 200 mg/kg (1.39 mmol/kg) was reported for fluorosilicic acid.

*Sodium Hexafluorosilicate:* Mice orally given sodium hexafluorosilicate (70 mg/kg; 0.37 mmol/kg) exhibited toxic effects in the peripheral nerves, sensation, and in behavior. In rats, an oral dose (248 mg/kg; 1.32 mmol/kg) administered intermittently for one month produced toxic effects in the kidney, ureter, and/or bladder, as well as musculoskeletal and biochemical effects. Using guinea pigs, inhalation experiments (13-55 mg/m<sup>3</sup> [1.7-7.2 ppm] sodium hexafluorosilicate in air for ≥6 hours) resulted in pulmonary irritation; the lowest concentration that caused death was 33 mg/m<sup>3</sup> (4.3 ppm).

When sodium hexafluorosilicate (500 mg; 2.66 mmol) was applied to the skin of adult rabbits, mild irritation occurred. When applied to the eyes (100 mg; 0.532 mmol), severe irritation was observed; following a four-second rinse, the effect was still severe.

Sodium hexafluorosilicate poisoning has been reported in domestic animals (cattle, sheep, a horse, and a pigeon). Animals exhibited drowsiness, constipation, loss of appetite, paresis of the rumen, severe abdominal pain, and diarrhea. Sheep also exhibited grinding of the teeth (an indication of pain) and frothing at the mouth in most cases of lethal poisoning, while the horse also had bradycardia. In a study in which sheep were orally administered technical sodium hexafluorosilicate (25, 50, 200, 1500, and 2000 mg/kg; 0.13, 0.27, 1.06, 7.976, and 10.63 mmol/kg) via stomach tube, the animals exhibited similar symptoms. Animals died 6 days after administration of 200 mg/kg and 2.5 hours after administration of 2000 mg/kg. When a dairy herd of 600 animals was acutely poisoned from railcar contamination of feed, 95% of the animals had decreased neuromuscular transmission. The poisoning resembled calcium depletion.

*Fluorosilicic Acid:* In rats orally given fluorosilicic acid (430 mg/kg; 2.98 mmol/kg), somnolence and/or general depressed activity was observed. Other rat studies with fluorosilicic acid (single oral doses of 215, 464, 1000, and 2100 mg/kg [1.49, 3.22, 6.939, and 14.57 mmol/kg]) led to its classification as "moderately toxic." Percutaneous administration of the compound (amounts not provided) in rats, guinea pigs, and pigs resulted in continuously spreading necrosis in the deeper regions of injured skin. Hypocellular necrosis, consisting of sharp leukocyte demarcations, and edema up to the subcutis were also observed. In rabbits, it was corrosive to the skin (0.5 mL [4 mol] for 1, 24, or 72 hours) and eyes (0.1 mL [0.8 mol] instilled into left eye).

#### Synergistic/Antagonistic Effects

Fluoride, administered in the form of sodium hexafluorosilicate, had a strong affinity for calcium and magnesium. When orally given to sheep via a stomach tube at doses of 25, 50, 200, 1500, and 2000 mg/kg, increased changes in serum calcium and magnesium levels were observed at the two highest doses within 30 minutes after dose administration. At 200 mg/kg, recovery of both levels occurred after five days. With the 1500 mg/kg dose group, changes in phosphorus and sugar levels in whole blood were also significantly increased.

#### Genotoxicity

Sodium hexafluorosilicate was negative in the Salmonella/microsome test (concentrations up to 3600 g/plate, -S9), the micronucleus test on mouse bone marrow (37.2 mg/kg; 0.198 mmol/kg), and in the *Bacillus subtilis* rec-assay system (0.001-10 M; 188 g/mL-1.9 g/mL).

The compound (0.25 mM; 47 g/mL) did not induce sex-linked recessive lethal mutations in *Drosophila*.

#### Other Data

Within one week after beginning work in a foam rubber plant, a 23-year-old man exhibited skin lesions consisting of "diffuse, poorly delineated, erythematous plaques with lichenoid papules and large pustules" on his arms, wrists, thighs, and trunk. Although scratch and patch tests with sodium hexafluorosilicate (2% aqueous) were negative, tests in rabbits (topical application of a 1, 5, 10, and 25% solution) showed the compound to be a pustulogen.

No short-term or subchronic exposure, chronic exposure, cytotoxicity, reproductive toxicity, teratology, carcinogenicity, or initiation/promotion studies were available.

#### **Structure-Activity Relationships**

For the same fluorine content, sodium fluoride, sodium hexafluorosilicate, cryolite ( $\text{Na}_3\text{AlF}_6$ ), and barium sulfate were observed to have the same extent of chronic fluorine intoxication in rats. Ammonium fluoride, potassium fluoride, barium fluorosilicate, potassium fluorosilicate, and sodium fluorosilicate exhibited the same acute toxicity as sodium fluoride in the animals.

In a comparative study of absorption and excretion of fluorine in rats fed sodium fluoride, calcium fluoride, and sodium hexafluorosilicate, the percent fluorine retained was the same for the two sodium compounds. Several experiments on growing rats orally given 5, 10, 15, 25, and 50 ppm fluorine as sodium fluoride or sodium hexafluorosilicate for 90-100 days found no differences in the quantity of fluorine deposited and the contents of ash, calcium, and phosphorus in the incisor teeth, molar teeth, mandibles, and femurs. Furthermore, there were no differences in the percent of ingested fluorine retained in the body, and a combination of sodium silicate (15 ppm silicon) with sodium fluoride (25 ppm fluorine) did not affect the amount of fluorine deposited. The growth rate was normal in all rats. A separate study using litters of female weanling Osborne-Mendel rats that were given 50 ppm fluorine as sodium fluoride or ammonium fluorosilicate in drinking water for 99 days observed similar results.

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**Table 1 Acute Toxicity Values for Sodium Hexafluorosilicate and  
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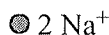
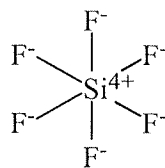
**Table 2 Acute Exposure to Sodium Hexafluorosilicate and Fluorosilicic Acid ... 12**

## 1.0 Basis for Nomination

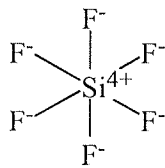
Sodium hexafluorosilicate and fluorosilicic acid were nominated for toxicological testing based on their widespread use in water fluoridation and concerns that if they are not completely dissociated to silica and fluoride in water that persons drinking fluoridated water may be exposed to compounds that have not been thoroughly tested for toxicity.

## 2.0 Introduction

### Sodium Hexafluorosilicate [16893-85-9]



### Fluorosilicic Acid [16961-83-4]



## 2.1 Chemical Identification and Analysis

### 2.1.1 Sodium Hexafluorosilicate

Sodium hexafluorosilicate ([Na<sub>2</sub>SiF<sub>6</sub>]; mol. wt. = 188.06) is also called:

- Destruxol applex
- Disodium hexafluorosilicate<sup>a,b,d</sup>
- Disodium silicofluoride
- Ens-zem weevil bait
- ENT 1,501
- Fluorosilicate de sodium
- Fluosilicate de sodium
- Ortho earwig bait
- Ortho weevil bait
- Prodan
- Prodan (pesticide)
- PSC Co-Op weevil bait
- Safsan

Salufer  
 Silicate (2<sup>-</sup>), hexafluoro-, disodium (8CI, 9CI)  
 Silicon sodium fluoride<sup>a,b,c</sup>  
 Sodium fluoride silicate  
 Sodium fluorosilicate<sup>a,b</sup>  
 Sodium fluosilicate<sup>a,b,e</sup>  
 Sodium hexafluosilicate  
 Sodium silicofluoride<sup>a,b</sup>  
 Sodium silicon fluoride<sup>a,b</sup>  
 Super prodan  
 UN2674 (DOT)

May be written as the following: <sup>a</sup>without any appended formula; <sup>b</sup>with Na<sub>2</sub>SiF<sub>6</sub> appended in parentheses, <sup>c</sup>with SiNa<sub>2</sub>F<sub>6</sub> appended in parentheses, <sup>d</sup>with (2<sup>-</sup>) appended in parentheses, or <sup>e</sup>with ACN (accepted common name) appended in parentheses.

Sources: HSDB (2000b); Registry (2000); RTECS (2000); SANSS (2000)

Other CAS Registry Numbers (CASRNs) that have been used for the compound are 1310-02-7, 1344-04-3, 12656-12-1, 39413-34-8, 221174-64-7 (Registry, 2000). CASRNs for the hydrates are 10213-79-3 (pentahydrate), 15630-83-8 (hexahydrate), 27121-04-6 (octahydrate), and 13517-24-3 (nonahydrate). AOAC (Association of Official Analytical Chemists) Method 945.05 has been used to detect fluorine as sodium hexafluorosilicate in pesticide formulations (HSDB, 2000b). The chemical composition of sodium hexafluorosilicate used in water supply service applications can be determined by test procedures specified in AWWA (American Water Works Association) B702-99 (AWWA, 1999).

### 2.1.2 Fluorosilicic Acid

Fluorosilicic acid<sup>e</sup> ([H<sub>2</sub>SiF<sub>6</sub>]; mol. wt. = 144.11) is also called:

Dihydrogen hexafluorosilicate<sup>a,c</sup>  
 FKS  
 Fluosilicic acid<sup>a,d</sup> (6CI)  
 Hexafluorosilicic acid  
 Hexafluorosilicate (2<sup>-</sup>), dihydrogen  
 Hexafluosilicic acid  
 Hydrofluorosilicic acid<sup>a,c</sup>  
 Hydrofluosilicic acid<sup>a,d</sup>  
 Hydrogen hexafluorosilicate<sup>a,b</sup>  
 Hydrogen hexafluorosilicic  
 Hydrosilicofluoric acid<sup>a,c</sup>  
 Sand acid<sup>a,e</sup>  
 Silicate (2<sup>-</sup>), hexafluoro-, dihydrogen (8CI, 9CI)  
 Silicic acid (H<sub>2</sub>SiF<sub>6</sub>)  
 Silicofluoric acid<sup>a,c</sup>  
 Silicofluoride  
 Silicon hexafluoride dihydride  
 UN1778 (DOT)

May be written as the following: <sup>a</sup>without any appended formula; <sup>b</sup>with H<sub>2</sub>SiF<sub>6</sub> appended in parentheses, <sup>c</sup>with (2<sup>-</sup>) appended in parentheses, <sup>d</sup>with ACN (accepted common name) appended in parentheses, or <sup>e</sup>with DOT (Department of Transportation) appended in parentheses.

Sources: HSDB (2000a); Registry (2000); RTECS (2000); SANSS (2000)



Other CASRNs that have been used for the compound are 1309-45-1 and 12672-67-2 (Registry, 2000). Total fluorine in fluorosilicates can be detected by the lead chlorofluoride method. In air, an ion-specific electrode procedure with a range of 0.05 to 475 mg fluoride/m<sup>3</sup> has been used (HSDB, 2000a). The percentage of fluorosilicic acid content for water supply service application can be determined by the specific-gravity method and the hydrogen titration method (specified in AWWA B703-94); the latter is the preferred method, since the former procedure provides a "very rough estimation." AWWA has specified that fluorosilicic acid must contain 20 to 30% active ingredient, a maximum of 1% hydrofluoric acid, a maximum of 200 mg/kg heavy metals (as lead), and no amounts of soluble mineral or organic substance that can cause health effects (AWWA, 2000; HSDB, 2000a). Analyses of tap water treated with silicofluorides (e.g., samples from Seattle, WA, San Francisco, CA, and Ft. Collins, CO) have revealed insignificant lead and arsenic levels (CSDS, 2001). Recently, single-column ion chromatography with conductometric detection and sodium hydroxide-methanol-water eluent was used for the simultaneous determination of fluorosilicic acid, Ca<sup>2+</sup>, Mg<sup>2+</sup>, Al<sup>3+</sup>, Cl<sup>-</sup>, and NO<sub>3</sub><sup>-</sup>; the detection limit for the anion of the acid was 1.25 x 10<sup>6</sup> M. It was successfully applied to the analysis of mineral water and composite tablets (Xu et al., 2001).

## 2.2 Physical-Chemical Properties

Property	Information	Reference(s)
<b>Sodium hexafluorosilicate</b>		
Physical State	white, granular, crystalline, or free-flowing powder; white hexagonal crystals	HSDB (2000b)
Odor	odorless	
Boiling Point (°C)	decomposes at 500	LCI, Ltd. (2000b)
Melting Point (°C)	melts at red heat with decomposition	HSDB (2000b)
Specific Gravity (g/cm <sup>3</sup> )	2.7	
pH Value	neutral (solution in cold water)	
	3.0-4.5 (1% solution)	LCI, Ltd. (2000b)
Water Solubility	soluble in cold water (150 parts) and boiling water (40 parts)	HSDB (2000b)
mg/L or g/m <sup>3</sup> at 17.5 °C	6,500	Worthing (1987; cited by Shiu et al., 1990)
mg/L or g/m <sup>3</sup> at 20 °C	72,000	Dean (1985; cited by Shiu et al., 1990)
Insoluble in	alcohol (e.g., ethanol)	HSDB (2000b)
<b>Fluorosilicic acid</b>		
Physical State	colorless liquid; white crystals	HSDB (2000a)
Odor	sour, pungent	
Density @ 25 °C	1.4634 (60.97% solution)	
Boiling Point (°C)	decomposes (60.97% solution)	
	105 (25% solution)	LCI, Ltd. (2000a)
Freezing Point (°C)	-15.5 (25% solution)	
Specific Gravity (g/cm <sup>3</sup> )	1.234 (25% solution) @ 16 °C	LCI, Ltd. (2000a)
pH Value	1.2 (1% solution)	LCI, Ltd. (undated-a)
Soluble in	alkali; cold and hot water	HSDB (2000a)

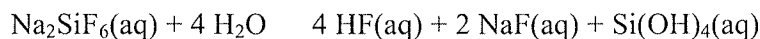
In alkaline medium, fluorosilicate solutions are readily hydrolyzed; in acidic conditions, silicon tetrafluoride and hydrogen fluoride are released. Thermal decomposition of fluorosilicates releases gaseous silicon tetrafluoride and forms solid fluoride. When heated to decomposition,

sodium hexafluorosilicate releases toxic fumes of hydrogen fluoride and sodium oxide; contact with metals can release hydrogen gas (HSDB, 2000b; NICNAS, 2001).

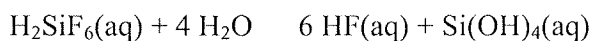
Fluorosilicic acid is a moderately strong acid that can corrode glass and stoneware. At about 19 °C, a 60-70% solution solidifies, forming crystalline dihydrate. A 13.3% solution may be distilled without decomposition. Fluorosilicic acid is deliquescent that is, it absorbs moisture from the air and becomes liquid (HSDB, 2000a). It produces toxic and corrosive fumes of fluorides (e.g., hydrogen fluoride and silicon tetrafluoride) when reacted with water or steam or when the compound is heated to decomposition or highly acidified with sulfuric acid (HSDB, 2000a; NICNAS, 2001). It also reacts with many metals, producing hydrogen gas (HSDB, 2000a; LCI, Ltd., undated-a).

#### Aqueous Chemistry

In water, the compound readily dissociates to sodium ions and hexafluorosilicate ions. At the pH of drinking water (6.5-8.5) and at the concentration usually used for fluoridation (1 mg fluoride/L), essentially 100% of sodium hexafluorosilicate dissociates to fluoride ions and hydrated silica (Crosby, 1969; Urbansky and Schock, 2000). In a quasi-constant composition titration study using high concentrations of hydrogen ion (H<sup>+</sup>) and calcium ion (Ca<sup>2+</sup>), the promoting effect of Ca<sup>2+</sup> on the hydrolysis of sodium hexafluorosilicate was observed to be stronger than the inhibiting effect of H<sup>+</sup>, thereby causing faster hydrolysis at low pH (Eidelman and Chow, 1991).



In water, fluorosilicic acid readily hydrolyzes to hydrofluoric acid and various forms of amorphous and hydrated silica. At the concentration usually used for water fluoridation, 99% hydrolysis occurs and the pH drops to 4.2. As pH increases, hydrolysis increases. At the pH of drinking water, the degree of hydrolysis is "essentially 100%" (Crosby, 1969; Urbansky and Schock, 2000).



### **2.3 Commercial Availability**

Sodium hexafluorosilicate is available as granular bait and in technical and C.P. grades. It is usually commercially available as ~98% pure (HSDB, 2000b). A typical product contains 59.34% fluorine and a maximum of 0.50% each of moisture as water, water-insoluble matter, and heavy metals (as lead) (LCI, Ltd., 2000b). Chemical producers include Chemtech Products Inc. (Alorton, IL), IMC-Agrico Company (Faustina, LA), and Kaiser Aluminum and Chemical Corporation (Mulberry, FL) (SRI Int., 2000). Lucier Chemical Industries produces and ships sodium hexafluorosilicate in 25-kg bags and 50-pound bags (LCI, Ltd., 2000b). It is supplied by GFS Chemicals Inc. (Powell, OH) and Spectrum Chemical Manufacturing Corporation (Gardena, CA) (Chemyclopedia Online, 2001). Chem Sources (2001) has identified 24 suppliers of the compound; bulk suppliers include Creanova Inc. (Somerset, NJ) and Seal Chemical Industries (Newport Beach, CA). RIMI Chemicals Company Ltd. formulates the chemical as the product Safsan (Farm Chem. Handbook, 2001).

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Fluorosilicic acid is commercially available as aqueous solutions of 5, 10, 15, 20, 25, 30, 34, and 60-70% in technical and C.P. grades (HSDB, 2000a). A typical product contains a minimum of 23% of the acid, a minimum of 18.22% fluorine, a maximum of 0.02% heavy metals (as lead), and <1.00% hydrofluoric acid (LCI, Ltd., 2000a). It is produced by Cargill Fertilizer, Inc. (Riverview, FL), Chemtech Products Inc. (Alorton, IL), Farmland Hydro, L.P. (Bartow, FL), IMC-Agrico Company (Faustina, LA; Nichols, FL; South Pierce, FL; Uncle Sam, LA), PCS Phosphate Company, Inc. (Aurora, NC), Royster-Clark Inc. (Americus, GA; Florence, AL; Hartsville, SC), and U.S. Agri-Chemicals Corporation (Fort Meade, FL) (SRI Int., 2000). Cargill Fertilizer, Inc. produces fluorosilicic acid as a primary nutrient (Farm Chem. Handbook, 2001). Another producer, Lucier Chemical Industries (Jacksonville Beach, FL) ships its product in tank cars, tank trucks, and drums (LCI, Ltd., 2000a). Chem Sources (2001) has identified 16 suppliers of fluorosilicic acid; bulk suppliers include Creanova Inc. (Somerset, NJ), Fluka (Milwaukee, WI), and Spectrum Laboratory Products, Inc. (Gardena, CA). Under the name hydrofluorosilicic acid [56977-47-0], it is supplied by Alfa Aesar/Johnson Matthey (Ward Hill, MA) and Solvay Fluorides Inc. (St. Louis, MO) (Chemyclopedia Online, 2001).

### 3.0 Production Processes

Sodium hexafluorosilicate is produced by the neutralization of fluorosilicic acid with sodium hydroxide, sodium carbonate, or sodium chloride under vigorous agitation. The amount of the alkali is controlled so as not to result in the fluoride (HSDB, 2000b).

Fluorosilicic acid is mainly produced as a byproduct of the manufacture of phosphate fertilizers where phosphate rock, containing fluorides and silica or silicates, is treated with sulfuric acid. The gases released, hydrogen fluoride and silicon tetrafluoride, are sprayed with water in condensing towers or drawn into a series of scrubbers and dissolved in water, forming an aqueous solution of fluorosilicic acid (CSDS, 2001; Farm Chem. Handbook, 2001; NICNAS, 2001). This is the crude form of fluorosilicic acid; the purified form is obtained by distillation of the crude acid or by reacting pure silica with hydrofluoric acid. The compound can also be made by the reaction of sulfuric acid on barium hexafluorosilicate (HSDB, 2000a). Furthermore, fluorosilicic acid is manufactured by the reaction of apatite and/or fluorite (fluorspar) with sulfuric acid (LCI, Ltd., 2000a). Its production from phosphoric acid producers supplements fluorspar as a domestic source of fluorine (Miller, 1995, 1999).

### 4.0 Production and Import Volumes

The latest available figure for U.S. production of sodium hexafluorosilicate is 19,600 metric tons (43.2 million pounds) in 1984. In that same year, 3000 metric tons (6.61 million pounds) was imported (HSDB, 2000b).

In 1995, ten phosphate rock processing plants produced 55,900 metric tons (123 million pounds) of fluorosilicic acid as a byproduct. Of this amount, 45% was used in water fluoridation, directly or as the sodium salt, while 34% went toward the production of aluminum trifluoride and 20% went toward other uses (Miller, 1995). In 1999, ten plants again reported on the production of fluorosilicic acid as a byproduct from phosphate rock processing; 69,200 metric tons (153 million pounds) was produced, and 69,100 metric tons (152 million pounds) was sold or used. This was an almost 3% increase in output from the previous year. The amount used for water fluoridation was 34,900 metric tons (51%), while 19,000 metric tons (27%) was used for aluminum trifluoride production, and 15,300 metric tons (22%) was used for other uses such as

sodium hexafluorosilicate production (Miller, 1999). The latest figures are definitely an increase compared to the 1975 and 1976 U.S. production of the acid at 30,000 metric tons (66 million pounds) from phosphoric acid manufacturing. No import data were found (HSDB, 2000a).

### 5.0 Uses

The major use of sodium hexafluorosilicate and fluorosilicic acid is as fluoridation agents for drinking water (HSDB, 2000a,b; Urbansky and Schock, 2000). They have been added to water since the mid-1940s to prevent tooth decay (Chem. Mark. Rep., 2000). Sodium hexafluorosilicate has also been used for caries control as part of a silicophosphate cement and as an acidic gel in combination with monocalcium phosphate monohydrate (Jinks et al., 1982 abstr.; Takagi et al., 1992). As part of a two-solution fluoride mouth rinse, it resulted in enhanced remineralization of human enamel lesions and root lesions (Takagi et al., 1997; Chow et al., 2000).

Both chemicals are also used as a chemical intermediate (raw material) for aluminum trifluoride, cryolite ( $\text{Na}_3\text{AlF}_6$ ), silicon tetrafluoride, and other fluorosilicates (HSDB, 2000a,b). In addition, they have found applications in commercial laundry; sodium hexafluorosilicate acts as a laundry souring agent and the acid acts as a neutralizer for alkalis (LCI, Ltd., 2000a,b).

Other applications for sodium hexafluorosilicate include its use in enamels/enamel frits for china and porcelain, in opalescent glass, metallurgy (aluminum and beryllium), glue, ore flotation, leather and wood preservatives, and in insecticides and rodenticides (e.g., moth repellent and for the control of Noctuid larvae [i.e., cotton leafworms, mole crickets, grasshoppers, locusts, crane flies, earwigs, and sowbugs]) (HSDB, 2000b; LCI, Ltd. 2000b; Farm Chem. Handbook, 2001). It has been used in the manufacture of pure silicon and as a gelling agent in the Dunlop process (production of molded latex foam) (HSDB, 2000b). Recently, it has been used in organic synthesis as a fluorinating agent to convert organodichlorophosphorus compounds to the corresponding organodifluorophosphorus compound in low to moderate yields (up to 75%) (Farooq, 1998). In veterinary practice, externally applied sodium hexafluorosilicate has been used to combat lice and mosquitoes on cattle, sheep, swine, and poultry. It has been given orally to combat roundworms and possibly whipworms in swine and added to feed (50 ppm) to prevent dental caries in rats (HSDB, 2000b). Sodium hexafluorosilicate is listed as an oral care agent on the International Nomenclature of Cosmetic Ingredients inventory established under a European Commission Directive (96/335/EC) (INCI, 1998).

Fluorosilicic acid is used in the tanning of animal hides and skins, in ceramics and glass (glass etching), in technical paints, in oil well acidizing, and in the manufacture of hydrogen fluoride. It is also employed as an impregnating ingredient to preserve wood and harden masonry and for the removal of mold as well as rust and stain in textiles. It has been used for the sterilization of equipment (e.g., in brewing and bottling establishments and for copper and brass vehicles) as well as in electroplating (HSDB, 2000a; LCI, Ltd., 2000a). A typical electrolyte contains 95 g/L free fluorosilicic acid (King and Ramachandran, 1995). In the electrolytic refining of lead, the electrolyte contains 33% of the acid (Howe, 1981).

### 6.0 Environmental Occurrence and Persistence

In the hydrogen fluoride process, fluorosilicic acid (30-35%) can readily be recovered from the silicon tetrafluoride-containing plant vent gases, which are absorbed in water. It can also be

recovered from wet-process phosphoric acid plants and then processed to form hydrogen fluoride (Smith, 1994; Woytek, 1980). In this process, 45-60% gaseous fluorine compounds are recoverable. The fluorosilicic acid is usually disposed of by converting it into inert and harmless waste products; usually, neutralization with limestone or milk of lime is done to precipitate the acid as a mixture of calcium fluoride and silica. However, small amounts of poisonous fluorine compounds remain in the effluent (Denzinger et al., 1979).

The manufacture of phosphate fertilizer in Central Florida releases not only fluorides as a toxic pollutant but also radionuclides. Radium wastes come from the filtration systems. Uranium and its decay-rate products are found in the phosphate rock and fertilizer as well as the byproduct fluorosilicic acid. During the wet-process procedure, trace amounts of both radium and uranium are captured in the scrubbers and therefore are in the fluorosilicic acid. During the acidulation process yielding phosphoric acid, radon gas in the phosphate pebbles can be released and carried into the fluorosilicic acid, while polonium can be captured during the scrubbing process and then can combine with fluoride (Glasser, undated).

The Centers for Disease Control (CDC) and EPA recommended levels for fluoride in drinking water ranges from 0.6-1.2 ppm (CSDS, 2001). For drinking water fluoridation, the maximum use level (MUL) for sodium hexafluorosilicate is 2 mg/L; for fluorosilicic acid, the level is 6 mg/L of a 25% fluorosilicic acid solution. Both values correspond to a fluoride concentration of 1.2 mg/L, which is below the U.S. Environmental Protection Agency's (EPA's) Maximum Contaminant Level (MCL) of 4.0 mg/L and the Secondary Maximum Contaminant Level (SMCL) of 2.0 mg/L. Although EPA has no MCL for silicate in drinking water, the National Sanitation Foundation (NSF) has established a Maximum Drinking Water Level of 16 mg/L for silicates. For NSF Certified Products used in drinking water, the Maximum Allowable Level (MAL) for fluoride is 1.2 mg/L; the MUL of the products ranges from 4 to 6.6 mg/L (NSF Int., 2000a). At its plant in Riverview, FL, Cargill Fertilizer, Inc. had an MUL of 8 mg/L sodium hexafluorosilicate (equivalent to 1.2 mg/L fluoride) for fluoridation (NSF Int., 2001). While the majority of 29 manufacturers of fluorosilicic acid had an MUL of 6 mg/L, a level of 6.6 mg/L was measured at the IMC-Agrico Company plant at Uncle Sam, LA. [The Hydrite Chemical Company's MUL was 1.7 mg/L at three plants, while the American Development Corporation had an MUL of 4 mg/L at two plants] (NSF Int., 2000b).

## 7.0 Human Exposure

Potential exposure to sodium hexafluorosilicate is via inhalation of dusts, ingestion, and eye and skin contact (HSDB, 2000b). The main routes of entry of fluorosilicic acid are inhalation and eye and skin contact (HSDB, 2000a; LCI, Ltd., undated-a).

Exposure to sodium hexafluorosilicate is possible from its use to control crawling insects in homes and work buildings. The chemical has "high inherent toxicity," and children may ingest the material from crawling on the floors of treated houses (U.S. EPA, 1999).

In 1992, 5876 U.S. public water suppliers were using fluorosilicic acid and 1635 utilities were using its sodium salt for water fluoridation, serving greater than 80 and 36 million persons, respectively (Urbansky and Schock, 2000). Currently, silicofluorides are used in over 9200 U.S. water treatment systems, serving over 120 million individuals (CSDS, 2001). Exposure via drinking water is, however, expected to be minimal, since at concentrations used in water

fluoridation and at the normal pH of drinking water, both compounds hydrolyze almost completely (see Section 2.2) (Urbansky and Schock, 2000). At equilibrium, the hexafluorosilicate remaining in drinking water is estimated to be  $\ll 1$  parts per trillion (Urbansky and Schock, 2000). In addition, exposure to impurities in the fluoridating agent is judged to be of low health risk when properly treated water is ingested. For example, in fluorosilicic acid, iron and iodine are usually below the levels considered useful as a dietary supplement; the phosphorus level is reported to be insignificant; and silver is usually  $< 4$  parts per septillion in the fluoridated water (CSDS, 2001).

In the workplace, exposure to both chemicals is possible during their manufacture, transportation, or use in water treatment (HSDB, 2000a,b). In the NIOSH 1983 National Occupational Exposure Survey (NOES) of 8057 facilities, 74 industries, and 60 occupations, 79,556 employees were potentially exposed to sodium hexafluorosilicate; the total number of female employees potentially exposed was 22,185. In the 1983 NOES of 1758 facilities, 19 industries, and 15 occupations, 10,867 employees were potentially exposed to fluorosilicic acid; the total number of females potentially exposed was 2068 (RTECS, 2000).

### 8.0 Regulatory Status

Under EPA's Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sodium hexafluorosilicate as a pesticide was subject to registration or re-registration in 1988 (RTECS, 2000). In August 1995, the act was amended, eliminating fluorosilicate compounds from the registration list and their sale for pesticide use (40CFR153, Subpart H) (U.S. EPA, 1995). In the United States, all pesticide uses have been cancelled (U.S. EPA, 1999). The registrations of insecticide formulations containing 0.18% to 98.5% sodium hexafluorosilicate, some on the market since the late 1940s, were cancelled in the late 1980s and early 1990s. Target organisms included roaches, moths, and weevils. Other cancelled fluorosilicate products were formulated with sodium aluminum fluorosilicate or aluminum fluorosilicate (NPIRS<sup>o</sup>, 2001). [It is noted that the use of sodium hexafluorosilicate as an insecticide is currently listed in the *2001 Farm Chemicals Handbook* (see Section 5.0).] Both sodium hexafluorosilicate and fluorosilicic acid are listed in Section 8(b) of the Toxic Substances Control Act (TSCA; chemical inventory section). Both are also exempt from reporting under the Inventory Update Rule (i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports [40CFR, Section 710(b)]) (TSCA INV, 2000). The Occupational Safety and Health Administration (OSHA) and American Conference of Governmental Industrial Hygienists (ACGIH) have established an eight-hour time-weighted average (TWA) of  $2.5 \text{ mg/m}^3$  fluorides, as fluorine. OSHA has established this Permissible Exposure Limit (PEL) for the general industry (29CFR1910.1000), construction (29CFR1915.1000), shipyard (29CFR1926.55), and federal contracts (41CFR50-204.50). The ACGIH short-term excursion limit (STEL) recommendation is that excursions in worker exposure levels may exceed three times the threshold limit value (TLV)-TWA for no more than 30 minutes during a work day and not exceed five times the TLV-TWA, provided that the TLV-TWA is not exceeded. ACGIH has listed fluorides, as fluorine, as "A4 not classifiable as a human carcinogen" (HSDB, 2000b; RTECS, 2000). NIOSH has also recommended an air exposure level to inorganic fluorides of  $2.5 \text{ mg F/m}^3$  but as a ten-hour TWA (RTECS, 2000).

## 9.0 Toxicological Data

### 9.1 General Toxicology

Chronic ingestion of excessive amounts of fluoride produces osteosclerosis and mottled tooth enamel. Chronic exposure increases osteoblastic activity as well as the density and calcification of bone (Gilman et al., 1980; cited by HSDB, 2000a).

#### 9.1.1 Human Data

##### Sodium Hexafluorosilicate

Chronic exposure to dust at levels above the PEL or TLV can result in severe calcification of the rib, pelvis, and spinal column ligaments; effects on the enzyme system; pulmonary fibrosis; stiffness; irritation of the eyes, skin, and mucous membranes; weight loss; anorexia; anemia; cachexia; wasting; and dental effects. Long-term or repeated exposure to the skin can result in skin rash (LCI, Ltd., undated-b). Contact with the molten forms of the chemical may cause severe burns to the skin and eyes (HSDB, 2000b).

The clinical signs and symptoms after ingestion of soluble fluoride salts occur in the following five stages: (I) salty or soapy taste, salivation, nausea, abdominal pain, vomiting, (bloody) diarrhea, dehydration, and thirst; (II) muscle weakness, tremors, and in rare instances transient epileptiform convulsions, which may lead to central nervous depression; (III) shock characterized by pallor, weak and thready pulse, shortness of breath, weak heart sounds, wet and cold skin, cyanosis, dilated pupils, followed by death in two to four hours; (IV) when death has not occurred, paralysis of muscle deglutition, carpedal spasm, and spasm of extremities; and (V) occasionally localized or generalized urticaria. A probable oral lethal dose of 50-500 mg/kg, classified as very toxic, has been reported for a 150-pound (70-kg) person receiving between 1 teaspoon and 1 ounce of the chemical (Gosselin et al., 1976; cited by HSDB, 2000b).

A girl (2.5 years old) who ingested sodium hexafluorosilicate "developed acute respiratory failure, a prolonged AT interval, ventricular tachycardia and fibrillation, hypokalemia, hypocalcemia (3 to 4 mg/100 mL), and aspiration pneumonia" (Ellenhorn et al., 1997; cited by HSDB, 2000b). In a suicide attempt, a female chemical plant worker (32 years old) who ingested three teaspoons of sodium hexafluorosilicate immediately began vomiting, and then experienced facial numbness, diarrhea, diaphoresis, muscle spasms, weakness, abdominal pain, dyspnea, shallow breathing, and cramps of the palms, feet, and legs. Tachycardia and tachypnea were observed. After 12 hours, generalized weakness and enlargement of the liver continued. Treatment with calcium compounds (calcium carbonate initially; calcium lactogluconate for ten days after life-threatening symptoms had diminished) resulted in recovery within 21 days (Dadej et al., 1987).

##### Fluorosilicic Acid

Contact with the molten forms of fluorosilicic acid may cause severe burns to the skin and eyes. It is also extremely corrosive to the respiratory tract (Hawley, 1981; cited by HSDB, 2000a). The symptoms of inhalation include burning of the eyes and numbness around the lips. Symptoms do not necessarily occur immediately; they can appear 24 hours after exposure.

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On the morning of September 6, 1994, a tanker truck spilling 4500 gallons of fluorosilicic acid on Interstate 4 near Deltona, Florida, covering an area 600 feet long and 60 feet wide, resulted in the evacuation of approximately 2300 people from their homes into shelters. Later in the day, fumes were detected in the Deltona Woods neighborhood; because the acid could be carried by the wind, everyone within a mile radius was evacuated, which included 1,750 people in Orange County and 500 people in Deltona. More than 50 people went to hospitals, complaining of skin and respiratory irritation, including burning in the throat, and headaches. An individual riding in a truck with his arm out the window experienced burning on his forearm (Lancaster, 1994).

The effects of long-term exposure to fluorosilicic acid are changes in bone, corrosivity of the mucous membranes (e.g., ulceration of the nose, throat, and bronchial tubes), coughing, shock, pulmonary edema, fluorosis, coma, and even death (LCI, Ltd., undated-a). In a study of 50 workers engaged for approximately 30 years in the production of phosphate fertilizers, the concentration of gaseous fluoride (hydrogen fluoride, silicon tetrafluoride, and fluorosilicic acid) ranged from 0.04 to 0.17 mg/m<sup>3</sup>. Nine workers had increased bone densities (Fabbri et al., 1978; cited by HSDB, 2000a).

When swallowed, severe irritation of the lungs, nose, and throat can occur, as well as severe damage to the throat and stomach (LCI, Ltd., undated-a). A probable oral lethal dose of 50-5000 mg/kg, classified as very toxic, has been reported for doses between 1 teaspoon and 1 ounce for a 150-pound (70-kg) person; a probable oral lethal dose of 5-50 mg/kg, classified as extremely toxic, has been reported for doses between 7 drops and 1 teaspoon for the same individual (Gosselin et al., 1984; cited by HSDB, 2000a).

### 9.1.2 Chemical Disposition, Metabolism, and Toxicokinetics

In a female chemical plant worker who ingested sodium hexafluorosilicate (see Section 9.1.1), fluoride levels in serum and urine (fresh) were 5.130 and 235.60 mg/dm<sup>3</sup>, respectively, on day 2 of hospitalization. Treatment with calcium compounds (calcium carbonate and calcium lactogluconate) immediately returned levels to normal. The following day, the levels dropped to 0.399 and 15.39 mg/dm<sup>3</sup>, respectively; by day 20, the levels were 0.067 and 0.87 mg/dm<sup>3</sup>, respectively (Dadej et al., 1987).

In 50 workers engaged for approximately 30 years in the production of phosphate fertilizers and exposed to gaseous fluoride (hydrogen fluoride, silicon tetrafluoride, and fluorosilicic acid), urine fluoride excretion ranged from 1.0 to 9.6 mg F/L (controls: 0.3 to 1.2) (Fabbri et al., 1978; cited by HSDB, 2000a).

In rats fed a diet containing 0.16% sodium hexafluorosilicate supplemented in a corn-soybean oilmeal-casein ration *ad libitum* for 22-23 days, the average amounts of fluorine were 94.4 mg in feces and 91.9 mg in urine. The mean amount of fluorine absorbed was 65.1% and that retained was 31.0% (Kick et al., 1935).

From 1965 to 1974, 170 cases of suspected fluorosilicate poisoning were reported in domestic animals. For positive cases, the animals were poisoned from ingestion of bait, which had not been disposed of after use. Of these, 27 cases were used in the chemical diagnosis of sodium hexafluorosilicate poisoning (13 for cattle, 11 for sheep, and 1 each for horse, pigeon, and concentrate for sheep) (see also Section 9.1.3). In cattle and sheep, measured fluorine



concentrations ranged from 120 to 2900 ppm (wet weight) in stomach/rumen contents and up to 75 ppm in urine. In blood serum, 8 and 3 ppm fluorine were determined in one animal from the groups of poisoned cattle and sheep, respectively (Egyed and Shlosberg, 1975).

When sheep were given sodium hexafluorosilicate via stomach tube (25, 50, 200, 1500, and 2000 mg/kg; 0.13, 0.27, 1.06, 7.976, and 10.63 mmol/kg), blood serum concentrations and urine levels of fluoride initially significantly increased and then decreased with time. For example, the low-dose group had blood serum concentrations ranging from 0.1-0.165 ppm fluoride prior to treatment and 4.2 ppm fluoride six hours after dose administration. By day 4, levels dropped to 0.38 ppm fluoride. Corresponding urine levels of fluoride were 1.35-6.75, 175, and 25 ppm, respectively (Egyed and Shlosberg, 1975).

### 9.1.3 Acute Exposure

Acute toxicity values for sodium hexafluorosilicate and fluorosilicic acid are presented in **Table 1**. The details of selected studies discussed in this section are presented in **Table 2**.

**Table 1. Acute Toxicity Values for Sodium Hexafluorosilicate and Fluorosilicic Acid**

Route	Species (sex and strain)	LC <sub>L0</sub> /LD <sub>50</sub> /LD <sub>L0</sub> /TD <sub>L0</sub>	Reference(s)
<b>Sodium hexafluorosilicate</b>			
oral	mouse (sex and strain n.p.)	LD <sub>50</sub> = 70 mg/kg; 0.37 mmol/kg	RTECS (1997)
	rat (sex and strain n.p.)	LD <sub>50</sub> = 125 mg/kg; 0.665 mmol/kg	HSDB (2000b)
	rat (F, Sprague-Dawley albino white)	LD <sub>50</sub> = 430 mg/kg; 2.29 mmol/kg	Rhone-Poulenc Inc. (1971)
	rat (sex and strain n.p.)	TD <sub>L0</sub> = 248 mg/kg; 1.32 mmol/kg	RTECS (1997)
	rabbit (sex and strain n.p.)	LD <sub>50</sub> = 125 mg/kg; 0.665 mmol/kg	
s.c.	rat (sex and strain n.p.)	LD <sub>L0</sub> = 70 mg/kg; 0.37 mmol/kg	
inh	guinea pig (sex and strain n.p.)	LC <sub>L0</sub> = 33 mg/kg; 0.18 mmol/kg	Patty (1963; cited by HSDB, 2000b)
<b>Fluorosilicic acid</b>			
oral	guinea pig (sex and strain n.p.)	LD <sub>50</sub> = 200 mg/kg; 1.39 mmol/kg	LCI, Ltd. (undated-a)

Abbreviations: F = female(s); inh = inhalation; LC<sub>L0</sub> = lethal concentration low; LD<sub>50</sub> = lethal dose for 50% of test animals; LD<sub>L0</sub> = lethal dose low; n.p. = not provided; s.c. = subcutaneous(ly); TD<sub>L0</sub> = toxic dose low

#### Sodium Hexafluorosilicate

Mice orally given sodium hexafluorosilicate (70 mg/kg; 0.37 mmol/kg) exhibited toxic effects in the peripheral nerves, sensation, and in behavior. In rats, an oral dose (248 mg/kg; 1.32 mmol/kg) administered intermittently for one month produced toxic effects in the kidney, ureter, and/or bladder, as well as musculoskeletal and biochemical effects (RTECS, 1997). Using guinea pigs, inhalation experiments (13-55 mg/m<sup>3</sup> [1.7-7.2 ppm] sodium hexafluorosilicate in air for ≥6 hours) resulted in pulmonary irritation; the lowest concentration that caused death was 33 mg/m<sup>3</sup> (4.3 ppm) (Patty, 1963; cited by HSDB, 2000b).

**Table 2. Acute Exposure to Sodium Hexafluorosilicate and Fluorosilicic Acid**

Species, Strain, and Age, Number, and Sex of Animals	Chemical Form and Purity	Route, Dose, Duration, and Observation Period	Results/Comments	Reference
<b>Sodium hexafluorosilicate</b>				
Mouse strain, age, number, and sex n.p.	sodium hexafluorosilicate, purity n.p.	oral; 70 mg/kg (LD <sub>50</sub> ; 0.37 mmol/kg); duration and observation period n.p.	Toxic effects were observed in the peripheral nerves and sensation (flaccid paralysis without anesthesia, generally neuromuscular blockage) and in behavior (ataxia and muscle contraction or spasticity).	RTECS* (1997)
Rats, strain, age, number, and sex n.p.	sodium hexafluorosilicate, purity n.p.	oral; 248 mg/kg (1.32 mmol/kg) for 30 days intermittent; observation period n.p.	Toxic effects in the kidney, ureter, and/or bladder (other changes in urine composition) were observed. Musculoskeletal (other changes) and biochemical (enzyme inhibition, induction, or changes in blood or tissue [phosphatases] levels) effects were seen.	RTECS* (1997)
Rats, strain, age, number, and sex n.p.	sodium hexafluorosilicate, purity n.p.	s.c.; 70 mg/kg (LD <sub>Lo</sub> ; 0.37 mmol/kg); duration and observation period n.p.	Fatty liver degeneration and other changes in the liver and toxic effects in the kidney, ureter, and bladder primarily changes in glomeruli were observed.	RTECS* (1997)
Guinea pigs, strain, age, number, and sex n.p.	sodium silicofluoride as dust, purity n.p.	inhalation; 13-55 mg/m <sup>3</sup> (1.2-7.2 ppm) in air for ≥6 h; observation period n.p.	Pulmonary irritation was observed. The lowest concentration that caused death when inhaled for 6 h was 33 mg/m <sup>3</sup> .	Patty (1963; cited by HSDB, 2000b)
Sheep, Awassi breed, 1- to 3-yr-old, 5F	technical sodium hexafluorosilicate, purity n.p.	oral (via stomach tube); 25, 50, 200, 1500, and 2000 mg/kg (0.13, 0.27, 1.06, 7.976, and 10.63 mmol/kg) suspended in water; duration and observation period n.p.	<p>With the 25- and 50-mg/kg doses, animals exhibited grinding of teeth (an indication of pain), dullness, and mild diarrhea. At 200 mg/kg, additional symptoms were experienced and included staggering and severe diarrhea. Animals died on day 6. With the two higher doses, licking of the lips, kicking of the belly, grinding of the teeth, falling down (after 1.5 h), frothing at the mouth, congested conjunctiva, protrusion of the tongue, forced and labored breathing, fever, and increased respiration and heart rates were observed. Animals died 3 h after administration of 1500 mg/kg and 2.5 h after administration of 2000 mg/kg.</p> <p>Post-mortem examination showed serous pericardial fluid (few milliliters), a slightly friable liver, mild edema in the lungs, and froth in the trachea. Hemorrhages occurred on the spleen and mucosal folds of the abomasum, and a gelatinous fluid was present in the colon.</p> <p>For the 1500 mg/kg-dose group, the change in GOT went from 132% (of pretreatment activity) at 1.5 hours to 230% at 2.5 hours. For LDH, the change was 158% at death. The serum ICDH change increased from 168% after one hour to 984% at death.</p>	Egyed and Shlosberg (1975)

**Table 2. Acute Exposure to Sodium Hexafluorosilicate and Fluorosilicic Acid (Continued)**

Species, Strain, and Age, Number, and Sex of Animals	Chemical Form and Purity	Route, Dose, Duration, and Observation Period	Results/Comments	Reference
<b>Fluorosilicic acid</b>				
Rats, strain, age, number, and sex n.p.	fluorosilicic acid, purity n.p.	oral; 430 mg/kg (LD <sub>50</sub> ; 2.98 mmol/kg); duration and observation period n.p.	Somnolence and/or general depressed activity was observed.	RTECS* (2000)
Rats, Sprague-Dawley albino, age n.p., 5F per dose level	fluorosilicic acid (~23%, neat), purity n.p.	oral (via stomach tube); single doses of 215, 464, 1000, and 2100 mg/kg (1.49, 3.22, 6.939, and 14.57 mmol/kg) dissolved in water. Animals were observed for 14 days and then necropsied.	With 464 mg/kg, 3 out of 5 rats died; at ≥1000 mg/kg, 100% mortality was observed. At ≥464 mg/kg, acute depression was observed. Necropsy showed that animals in the low-dose group were "grossly normal" and that dead rats had massive hemorrhages in the entire gastrointestinal tract.	Rhone-Poulenc Inc. (1971)
Rats, guinea pigs, and swine tested as a group; no other data were provided	fluorosilicic acid, purity n.p.	percutaneous; amounts, duration, and observation period n.p.	The intact skin was not affected. When areas were injured before application of the acid, necrosis, continuously spreading, occurred in the deeper regions. Hypocellular necrosis, consisting of sharp leukocyte demarcations, and edema up to the subcutis were observed.	Alhassan and Zink (1982; cited by HSDB, 2000a)
Rabbits, New Zealand, age n.p., 6, sex n.p.	fluorosilicic acid (~23%, neat), purity n.p.	dermal; 0.5 mL (4 mol) to the intact and abraded skin for 1, 24, or 72 h	Severe erythema and edema were observed, indicating the material to be a primary irritant.	Rhone-Poulenc Inc. (1971)
Rabbits, New Zealand, age n.p., 6, sex n.p.	fluorosilicic acid (~23%, neat), purity n.p.	instillation; 0.1 mL (0.8 mol) into the left eye. Eyes were observed at 24, 48, and 72 h following treatment.	Severe and permanent corneal opacity with scar tissue occurred.	Rhone-Poulenc Inc. (1971)

Abbreviations: GOT = glutamate oxaloacetate transaminase; h = hour(s); ICDH = isocitric dehydrogenase; LDH = lactate dehydrogenase; n.p. = not provided

\*RTECS uses codes for Toxic Effects. For some codes, it is unclear whether the effects occur in all organs (e.g., M02 — KIDNEY, URETER, BLADDER [Changes primarily in glomeruli]). In these instances, "and/or" has been used.

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When sodium hexafluorosilicate (500 mg; 2.66 mmol) was applied to the skin of adult rabbits, mild irritation occurred. When applied to the eyes (100 mg; 0.532 mmol), severe irritation was observed; following a four-second rinse, the effect was still severe (RTECS, 1997).

Sodium hexafluorosilicate poisoning in domestic animals from the ingestion of bait which had not been disposed of after use (13 cases for cattle, 11 for sheep, and 1 each for horse, pigeon, and concentrate for sheep) resulted in drowsiness, constipation, loss of appetite, paresis of the rumen, severe abdominal pain, and diarrhea. Sheep also exhibited grinding of the teeth (an indication of pain) and frothing at the mouth in most cases of lethal poisoning, while the horse also had bradycardia. In an acute study in which sheep were orally administered technical sodium hexafluorosilicate (25, 50, 200, 1500, and 2000 mg/kg; 0.13, 0.27, 1.06, 7.976, and 10.63 mmol/kg) via stomach tube, the animals exhibited similar symptoms. In addition, with the two highest doses, falling down (after 1.5 hours), congested conjunctiva, forced and labored breathing, fever, and increased respiration and heart rates were observed. Animals died 6 days after administration of 200 mg/kg and 2.5 hours after administration of 2000 mg/kg (Egyed and Shlosberg, 1975). When a dairy herd of 600 animals was acutely poisoned from railcar contamination of feed, 95% of the animals had decreased neuromuscular transmission. The poisoning, which resembled calcium depletion, was effectively treated with calcium gluconate intravenously (HSDB, 2000b [original source was not cited]).

#### Fluorosilicic Acid

In rats orally given fluorosilicic acid (430 mg/kg; 2.98 mmol/kg), somnolence and/or general depressed activity was observed (RTECS, 2000). Other rat studies with fluorosilicic acid (single oral doses of 215, 464, 1000, and 2100 mg/kg [1.49, 3.22, 6.939, and 14.57 mmol/kg]) led to its classification as "moderately toxic" (Rhone-Poulenc, Inc., 1971). Percutaneous administration of the compound (amounts not provided) in rats, guinea pigs, and pigs resulted in continuously spreading necrosis in the deeper regions of injured skin. Hypocellular necrosis, consisting of sharp leukocyte demarcations, and edema up to the subcutis were also observed (Alhassan and Zink, 1982; cited by HSDB, 2000a). In rabbits, it was corrosive to the skin (0.5 mL [4 mol] for 1, 24, or 72 hours) and eyes (0.1 mL [0.8 mol] instilled into left eye) (Rhone-Poulenc Inc., 1971).

#### **9.1.4 Short-term and Subchronic Exposure**

No data were available.

#### **9.1.5 Chronic Exposure**

No data were available.

#### **9.1.6 Synergistic/Antagonistic Effects**

Fluoride, administered in the form of sodium hexafluorosilicate, had a strong affinity for calcium and magnesium. When orally given to sheep via a stomach tube at doses of 25, 50, 200, 1500, and 2000 mg/kg, increased changes in serum calcium and magnesium levels were observed at the two highest doses within 30 minutes after dose administration. At 200 mg/kg, recovery of both levels occurred after five days. With the 1500 mg/kg dose group, changes in phosphorus and sugar levels in whole blood were also significantly increased (16% [of pretreatment levels] at 1.5 hours to 146% at 2.5 hours for phosphorus; 300% to 374%, respectively, for sugar levels) (Egyed and Shlosberg, 1975).

### 9.1.7 Cytotoxicity

No data were available.

### 9.2 Reproductive and Teratological Effects

No data were available.

### 9.3 Carcinogenicity

No studies with sodium hexafluorosilicate or fluorosilicic acid were available. IARC (1987) concluded that there was inadequate evidence for carcinogenicity to humans and to animals for inorganic fluorides used in drinking water.

### 9.4 Initiation/Promotion Studies

No data were available.

### 9.5 Anticarcinogenicity

No data were available.

### 9.6 Genotoxicity

Sodium hexafluorosilicate was negative in the Salmonella/microsome test (concentrations up to 3600 g/plate, -S9) and the micronucleus test on mouse bone marrow (37.2 mg/kg; 0.198 mmol/kg) (Gocke et al., 1981). The compound (0.25 mM; 47 g/mL) did not induce sex-linked recessive lethal mutations in *Drosophila* (Gocke et al., 1981; IARC, 1987). In the *Bacillus subtilis* rec-assay system, sodium hexafluorosilicate (0.001-10 M; 188 g/mL-1.9 g/mL) also gave negative results (Kada et al., 1980; Kanematsu et al., 1980).

### 9.7 Cogenotoxicity

No data were available.

### 9.8 Antigenotoxicity

No data were available.

### 9.9 Other Data

Within one week after beginning work in a foam rubber plant, a 23-year-old man exhibited skin lesions consisting of "diffuse, poorly delineated, erythematous plaques with lichenoid papules and large pustules" on his arms, wrists, thighs, and trunk. Although scratch and patch tests with sodium hexafluorosilicate (2% aqueous) were negative, animal testing showed the compound to be a pustulogen. When rabbits received topical application of a 1, 5, 10, and 25% solution of sodium hexafluorosilicate in petroleum, pustules occurred on normal skin only with the high concentration, while all concentrations produced pustules on stabbed skin (Dooms-Goossens et al., 1985).

### 10.0 Structure-Activity Relationships

At levels of 14-16 ppm fluorine, sodium fluoride, sodium hexafluorosilicate, and cryolite ( $\text{Na}_3\text{AlF}_6$ ) had the same extent of chronic fluorine intoxication in rats (De Eds and Thomas, 1933-1934; cited by McClure, 1950). At 40 and 80 ppm, the chronic toxicity (observations on growth rate, fecundity, mortality, tooth development, pathology, and disease) of barium fluorosilicate and cryolite in rats was "substantially the same as that of sodium fluoride for the same fluorine content" (Smyth and Smyth, 1932; cited by McClure, 1950). At 14 ppm fluorine,

ammonium fluoride, potassium fluoride, barium fluorosilicate, potassium fluorosilicate, and sodium fluorosilicate exhibited the same acute toxicity as sodium fluoride in the animals (Smith and Leverton, 1934; cited by McClure, 1950).

In a comparative study of absorption and excretion of fluorine in rats fed sodium fluoride, calcium fluoride, and sodium hexafluorosilicate, the percent fluorine retained was the same for the two sodium compounds (Kick et al., 1935 [see Section 9.1.2 for details regarding sodium hexafluorosilicate]). Several experiments on growing rats orally given 5, 10, 15, 25, and 50 ppm fluorine as sodium fluoride or sodium hexafluorosilicate for 90-100 days found no differences in the quantity of fluorine deposited and the contents of ash, calcium, and phosphorus in the incisor teeth, molar teeth, mandibles, and femurs. Furthermore, there were no differences in the percent of ingested fluorine retained in the body, and a combination of sodium silicate (15 ppm silicon) with sodium fluoride (25 ppm fluorine) did not affect the amount of fluorine deposited. The growth rate was normal in all rats (McClure, 1950).

In a separate study, litters of female weanling Osborne-Mendel rats were given 50 ppm fluorine as sodium fluoride or ammonium fluorosilicate in drinking water for 99 days. The cariostatic effect was similar for the two compounds i.e., both inhibited caries to the same extent. There were no differences in the amounts of fluorine and ash deposited in the molars, incisors, mandibles, and femurs. There were no differences in growth rate and in the production of incisor striations (Zipkin and McClure, 1954).

**11.0 Online Databases and Secondary References****11.1 Online Databases**Chemical Information System Files

SANSS (Structure and Nomenclature Search System)

TSCAINV (Toxic Substances Control Act Inventory)

TSCATS (Toxic Substances Control Act Test Submissions)

National Library of Medicine Databases

EMIC and EMICBACK (Environmental Mutagen Information Center)

STN International Files

AGRICOLA	EMBASE	NTIS
BIOSIS	HSDB	PROMT
CA	LIFESCI	Registry
CABA	MEDLINE	RTECS
CANCERLIT	NIOSHTIC	TOXLINE

TOXLINE includes the following subfiles:

Toxicity Bibliography	TOXBIB
International Labor Office	CIS
Hazardous Materials Technical Center	HMTC
Environmental Mutagen Information Center File	EMIC
Environmental Teratology Information Center File (continued after 1989 by DART)	ETIC
Toxicology Document and Data Depository	NTIS
Toxicological Research Projects	CRISP
NIOSHTIC <sup>o</sup>	NIOSH
Pesticides Abstracts	PESTAB
Poisonous Plants Bibliography	PPBIB
Aneuploidy	ANEUPL
Epidemiology Information System	EPIDEM
Toxic Substances Control Act Test Submissions	TSCATS
Toxicological Aspects of Environmental Health	BIOSIS
International Pharmaceutical Abstracts	IPA
Federal Research in Progress	FEDRIP
Developmental and Reproductive Toxicology	DART

In-House Databases

CPI Electronic Publishing Federal Databases on CD

Current Contents on Diskette<sup>o</sup>

The Merck Index, 1996, on CD-ROM

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Support to the National Toxicology Program for the preparation of Sodium Hexafluorosilicate [CASRN 16893-85-9] and Fluorosilicic Acid [CASRN 16961-83-4] Review of Toxicological Literature was provided by Integrated Laboratory Systems, Inc., through NIEHS Contract Number N01-ES-65402. Contributors included: Karen E. Haneke, M.S. (Principal Investigator); Bonnie L. Carson, M.S. (Co-Principal Investigator); and Claudine A. Gregorio, M.A.

### Appendix: Units and Abbreviations

°C = degrees Celsius

µg/L = microgram(s) per liter

µg/m<sup>3</sup> = microgram(s) per cubic meter

µg/mL = microgram(s) per milliliter

µM = micromolar

ACGIH = American Conference of Governmental Industrial Hygienists

AOAC = Association of Official Analytical Chemists

AWWA = American Water Works Association

bw = body weight

C.P. = Commercially Pure

CSDS = Colorado Springs Dental Society

EPA = Environmental Protection Agency

F = female(s)

FIFRA = Federal Insecticide, Fungicide, and Rodenticide Act

g = gram(s)

g/mL = gram(s) per milliliter

h = hour(s)

HSDB = Hazardous Substances Data Bank

IARC = International Agency for Research on Cancer

i.p. = intraperitoneal(ly)

kg = kilogram(s)

L = liter(s)

LC<sub>50</sub> = lethal concentration for 50% of test animals

LC<sub>Lo</sub> = lethal concentration low

LD<sub>50</sub> = lethal dose for 50% of test animals

LD<sub>L0</sub> = lethal dose low

M = male(s)

MAL = Maximum Allowable Level

MCL = Maximum Contaminant Level

MUL = maximum use level

mg/kg = milligram(s) per kilogram

mg/m<sup>3</sup> = milligram(s) per cubic meter

mg/mL = milligram(s) per milliliter

min = minute(s)

mL/kg = milliliter(s) per kilogram

mm = millimeter(s)

mM = millimolar

mmol = millimole(s)

mmol/kg = millimoles per kilogram

mo = month(s)

mol = mole(s)

mol. wt. = molecular weight

NICNAS = National Industrial Chemicals Notification and Assessment Scheme

NIOSH = National Institute for Occupational Safety and Health

NSF = National Sanitation Foundation

NOES = National Occupational Exposure Survey

NOHS = National Occupational Hazard Survey

n.p. = not provided

OSHA = Occupational Safety and Health Administration

PEL = permissible exposure limit

ppb = parts per billion

ppm = parts per million

p.o. = peroral(ly), *per os*

REL = relative exposure limit

RTECS = Registry of Toxic Effects of Chemical Substances

s.c. = subcutaneous(ly)

185612

185612

Toxicological Summary for Sodium Hexafluorosilicate [16893-85-9] and Fluorosilicic Acid [16961-83-4]

10/01

SMCL = Secondary Maximum Contaminant Level

STEL = short-term exposure limit

TD<sub>Lo</sub> = toxic dose low

TLV = threshold limit value

TSCA = Toxic Substances Control Act

TWA = time-weighted average

wk = week(s)

yr = year(s)



185612

**Moore-Love, Karla**

**From:** Bill Osmunson [bill@teachingsmiles.com]  
**Sent:** Wednesday, August 22, 2012 10:13 PM  
**To:** Moore-Love, Karla  
**Subject:** fluoridation speaking request

I am requesting to speak to the council and city regarding fluoridation.

For the first 25 years as a dentist with master's degree in public health, I promoted fluoridation. Looking at the research myself was like a knee in the gut and I am now opposed to fluoridation based on good scientific evidence that we are already ingesting too much. Daily I diagnose dental fluorosis, a sign of toxic excess fluoride ingestion, on portland residents. With signs of toxic fluoride ingestion, the city should not give them even more fluoride. The EPA confirms more than a third of children are ingesting too much fluoride.

The EPA scientists are correct when they say:

"In summary, **we hold that fluoridation is an unreasonable risk.** That is, the toxicity of fluoride is so great and the purported benefits associated with it are so small - if there are any at all – **that requiring every man, woman and child in America to ingest it borders on criminal behavior on the part of governments.**"

- *Dr. J. William Hirzy, Senior Vice-President, Headquarters Union,*
- *US Environmental Protection Agency, March 26, 2001*

Thank you,  
Bill Osmunson DDS, MPH  
503.644.1400

185 61 2

**Moore-Love, Karla**

**From:** Kristina Williams [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 2012 4:33 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,

Kristina Williams  
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](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Rowan Kimsey [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 3:52 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,

Rowan Kimsey  
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:** Mary Kimsey [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 3:27 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,

Mary Kimsey  
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](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Tara Blank [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 2:40 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,

Tara Blank  
La Center, 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](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Gerald Shorey [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 1:18 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,

Gerald Shorey  
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](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Nancy Ferber [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 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 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,

Nancy Ferber  
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](#)

185 61 2

**Moore-Love, Karla**

**From:** Erin McCown [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 2012 11:38 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 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,

Erin McCown  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012



185 61 2

**Moore-Love, Karla**

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**From:** Nancy Wong [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 2012 11:16 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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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 Wong  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

185 612

**Moore-Love, Karla**

**From:** Angelina McKinney [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 10:41 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 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,

Fluoride was developed during World War I as an additive to mustard gas and was not intended to be consumed by humans. Toothpaste tubes with fluoride have a warning to not swallow on them and if you put this in our water system you making us ingest something that will harm us. In our house we do not use fluoride in our toothpaste and we will not have fluoride applied to our teeth. We have healthy teeth and strong teeth. Please do not add this to our water system.

Angelina McKinney  
Portland, Oregon

185612

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

185 612

**Moore-Love, Karla**

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**From:** Tre Canoe [teresasantafe@hotmail.com]  
**Sent:** Wednesday, August 22, 2012 10:10 AM  
**To:** Moore-Love, Karla  
**Subject:** To City Council and Audit Dept: No to Fluoride in our water

I have yet to get any water system manufacturer to commit on paper that their system removes fluoride at any significant level.

Please let me know if you find one that will legally commit to removing sodium fluoride. Thx! :)

Please also advise re: future lawsuits for medicating our children without a license to practice medicine and against our repeated refusal to allow this to happen.

We would appreciate it if you would leave Bull Run and the surrounding forest in the pristine condition you found them!

Thank you.

GrannyT  
Portland Resident  
Lifelong Tax Payer

185612

**Moore-Love, Karla**

**From:** James Brunkow [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 9:59 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 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,

James Brunkow  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

**Moore-Love, Karla**

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**From:** Lloyd Lemmermann [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 2012 9:49 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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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,

Lloyd Lemmermann  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Miguel Rosas-baker [mailto:mail@change.org]  
**Sent:** Wednesday, August 22, 2012 9:46 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 flouride in my water!

Miguel Rosas-baker  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185 612

**Moore-Love, Karla**

**From:** Marta Dietiker [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 9:35 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,

Marta Dietiker  
Portland,, Oregon

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8/22/2012



185612

**Moore-Love, Karla**

**From:** Beverly Madison [mailto:change.org]  
**Sent:** Wednesday, August 22, 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 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,

Beverly Madison  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Lynn Hanrahan [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 8:16 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,

It makes no sense to force fluoride on everyone; there are ways to get it to children if needed. It is a costly, unnecessary fix.

Lynn Hanrahan  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

185 612

**Moore-Love, Karla**

**From:** Anna Jensen [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 6:55 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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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,

There is no need to put additives into our water system. Fluoride is available in many forms for those who want it.

Anna Jensen  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

**Moore-Love, Karla**

**From:** Kimberly Kaminski [mailto:change.org]  
**Sent:** Tuesday, August 21, 2012 11:42 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.

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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,

Water is essential to life.

Kimberly Kaminski  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Anna Jensen [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 6:55 AM  
**To:** Moore-Love, Karla  
**Subject:** Public Review of Portland Water Supply Fluoridation

Dear Portland City Council,

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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,

There is no need to put additives into our water system. Fluoride is available in many forms for those who want it.

Anna Jensen  
Portland, Oregon

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185612

**Moore-Love, Karla**

---

**From:** Lynn Hanrahan [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 8:16 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.

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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 makes no sense to force fluoride on everyone; there are ways to get it to children if needed. It is a costly, unnecessary fix.

Lynn Hanrahan  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

185612

**Moore-Love, Karla**

---

**From:** Beverly Madison [mailto:change.org]  
**Sent:** Wednesday, August 22, 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,

Beverly Madison  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

**Moore-Love, Karla**

185612

**From:** Marta Dietiker [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 2012 9:35 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,

Marta Dietiker  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)



185612

**Moore-Love, Karla**

**From:** Miguel Rosas-baker [mailto:mail@change.org]  
**Sent:** Wednesday, August 22, 2012 9:46 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.

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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 flouride in my water!

Miguel Rosas-baker  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Lloyd Lemmermann [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 9:49 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 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,

Lloyd Lemmermann  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

**Moore-Love, Karla**

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**From:** James Brunkow [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 9:59 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.

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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,

James Brunkow  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012

**Moore-Love, Karla**

185612

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**From:** Tre Canoe [teresasantafe@hotmail.com]  
**Sent:** Wednesday, August 22, 2012 10:10 AM  
**To:** Moore-Love, Karla  
**Subject:** To City Council and Audit Dept: No to Fluoride in our water

I have yet to get any water system manufacturer to commit on paper that their system removes fluoride at any significant level.

Please let me know if you find one that will legally commit to removing sodium fluoride. Thx! :)

Please also advise re: future lawsuits for medicating our children without a license to practice medicine and against our repeated refusal to allow this to happen.

We would appreciate it if you would leave Bull Run and the surrounding forest in the pristine condition you found them!

Thank you.

GrannyT  
Portland Resident  
Lifelong Tax Payer

185612

**Moore-Love, Karla**

**From:** Angelina McKinney [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 10:41 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.

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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,

Fluoride was developed during World War I as an additive to mustard gas and was not intended to be consumed by humans. Toothpaste tubes with fluoride have a warning to not swallow on them and if you put this in our water system you making us ingest something that will harm us. In our house we do not use fluoride in our toothpaste and we will not have fluoride applied to our teeth. We have healthy teeth and strong teeth. Please do not add this to our water system.

Angelina McKinney  
Portland, Oregon

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

185612

**Moore-Love, Karla**

**From:** Nancy Wong [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 11:16 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,

Nancy Wong  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

185612

**Moore-Love, Karla**

**From:** Erin McCown [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 11:38 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,

Erin McCown  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

8/22/2012



185612

**Moore-Love, Karla**

**From:** Nancy Ferber [mailto:[mail@change.org](mailto:mail@change.org)]  
**Sent:** Wednesday, August 22, 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 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 Ferber  
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:** Gerald Shorey [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 1:18 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 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,

Gerald Shorey  
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](#)

8/22/2012

185612

**Moore-Love, Karla**

**From:** Tara Blank [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 2:40 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,

Tara Blank  
La Center, 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](#)

**Moore-Love, Karla**

185612

**From:** Mary Kimsey [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 3:27 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.

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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,

Mary Kimsey  
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:** Rowan Kimsey [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 3:52 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.

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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,

Rowan Kimsey  
Portland, Oregon

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185612

**Moore-Love, Karla**

**From:** Kristina Williams [mailto:change.org]  
**Sent:** Wednesday, August 22, 2012 4:33 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,

Kristina Williams  
Portland, Oregon

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8/22/2012

**Moore-Love, Karla**

185612

**From:** Kimberly Kaminski [mailto:change.org]  
**Sent:** Tuesday, August 21, 2012 11:42 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.

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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,

Water is essential to life.

Kimberly Kaminski  
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-petition-for-public-review-of-portland-water-supply-fluoridation>. To respond, [click here](#)

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**Moore-Love, Karla**

185612

**From:** Calen Kennett [calenk@gmail.com]  
**Sent:** Tuesday, August 21, 2012 4:32 PM  
**To:** Moore-Love, Karla  
**Subject:** Fluoride and City Council  
**Attachments:** IMG\_8703.JPG; IMG\_8702.JPG; IMG\_8701.JPG; IMG\_8699.JPG

Hello Karla Moore-Love,

I've been told that you are willing to collect information for the public record and disseminate information to city council, since they are on vacation. I really appreciate your offer.

I am attaching some photos from the rally today. I also wrote the following letter to city council and emailed it to them and created a petition on [change.org](http://www.change.org) I've gotten over 2,000 signatories in under 48 hours!

<http://www.change.org/petitions/city-council-of-portland-oregon-don-t-fluoridate-portland-s-drinking-water>

Thank you for your cooperation and coordination.

Sincerely,  
 Calen

Below is my letter:

I have felt well represented by Portland City Council throughout my life. Two of my personal heroes are former commissioner Erik Sten and former commissioner and current mayor Sam Adams. I appreciate the hard work and dedication of our public servants, but I am afraid that the City Council is considering making a morally questionable choice and that it is my duty to make my voice heard.

First of all, Portland Public Schools already provides free Fluoride rinses and has for years. It's topical (as Fluoride is intended to be used), not ingested, has a controlled dose, provides medical choice, and is much cheaper than a \$5 million plant with a \$575,000 per year operating cost.

I'm appalled that my city council would even consider adding Fluoride to my drinking water. We all know there is a lot of controversy over it's effectiveness and toxic health effects. 41% of American children age 12-15 have fluorosis due to Fluoride overexposure (Center for Disease Control). There are many studies that show that Fluoride causes brain damage, including a recent study from Harvard showing that Fluoride exposure reduces the IQ of children (National Institutes of Health). While controversy exists over whether Fluoride causes osteosarcoma, a bone cancer that primarily affects boys and young men (Bassin et al.), it is biologically plausible for fluoride to be the causative factor. (Harvard Medical School). (references below) (This is all laid out in a recent LA Times article also sited below)

Regardless of your perspective of the effectiveness vs the toxic effects, there is another major concern. That of forced medication, regardless of consent or medical need, without the ability to properly

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control the individual dose. Why add it to our drinking water? What gives you the right to decide for me and my family that we are going to be medicated by the city of Portland? I want a serious answer to this question. We drink a lot of water in our house, more than the average American, so we would have an even higher dose of a medication that carries serious risks. It is also incredibly difficult and costly to remove from water once added.

If we decide that we do even want to arbitrarily medicate everyone in Portland regardless of their consent or medical needs, drinking water is an incredibly inefficient way of doing so. Only 0.5% of tap water is consumed, leaving 99.5% of this toxic chemical to go into our environment. The Fluoride used in fluoridation schemes is a highly hazardous waste byproduct of the phosphate fertilizer industry, not food grade Fluoride. The EPA permitted level of Fluoride causes "lethal and adverse effects on salmon." (Fluoride Salmon Study see below)

This is not some wacko conspiracy theory. Portland is currently in good company. Austria, Belgium, China, Czech Republic, Denmark, Finland, France, Germany, Hungary, India, Italy, Japan, Luxembourg, Netherlands, Northern Ireland, Norway, Scotland, Sweden, and Switzerland, to name a few, have all rejected Fluoridation.

I fear that if city council goes through with this it will be like the reservoir cover debacle, where the city spends lots of money on something the public doesn't want and it ends up being a waste.

Please consider my plea to respect our medical freedom. Don't do it just because other big American cities do it. They do lots of things that we don't do. We are Portland. We do what is right and equitable, not what is popular.

Respectfully,  
Calen Kennett  
503.484.5143  
calenk@gmail.com  
Oregonian, Small Business Owner and Proud Portlander

Here are some quotes from officials in other countries regarding their choice to respect the medical freedom of their people, the environmental impact of Fluoride in our rivers, and the ineffectiveness of water as a medium for Fluoride.

"Toxic fluorides have never been added to the public water supplies in Austria." (M. Eisenhut, Head of Water Department, Osterreichische Yereinigung fur das Gas-und Wasserfach Schuberting 14, A-1015 Wien, Austria, February 17, 2000).

"This water treatment has never been of use in Belgium and will never be (we hope so) into the future. The main reason for that is the fundamental position of the drinking water sector that it is not its task to deliver medicinal treatment to people. This is the sole responsibility of health services." (Chr. Legros, Directeur, Belgaqua, Brussels, Belgium, February 28, 2000).

The Chinese government now considers any water supply containing over 1 ppm fluoride a risk for skeletal fluorosis. (Bo Z, et al. (2003). Distribution and risk assessment of fluoride in drinking water in the

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West Plain region of Jilin Province, China. Environmental Geochemistry and Health 25: 421-431.)

"Since 1993, drinking water has not been treated with fluoride in public water supplies throughout the Czech Republic. Although fluoridation of drinking water has not actually been proscribed it is not under consideration because this form of supplementation is considered:

- uneconomical (only 0.54% of water suitable for drinking is used as such)
- unecological (environmental load by a foreign substance)
- unethical ("forced medication")
- toxicologically and physiologically debatable (fluoridation represents an untargeted form of supplementation which disregards actual individual intake and requirements and may lead to excessive health threatening intake in certain population groups..." (Dr. B. Havlik, Ministerstvo Zdravotnictvi Ceske Republiky, October 14, 1999).

"We are pleased to inform you that according to the Danish Ministry of Environment and Energy, toxic fluorides have never been added to the public water supplies. Consequently, no Danish city has ever been fluoridated." (Klaus Werner, Royal Danish Embassy, Washington DC, December 22, 1999)

"We do not favor or recommend fluoridation of drinking water. There are better ways of providing the fluoride our teeth need." (Paavo Poteri, Acting Managing Director, Helsinki Water, Finland, February 7, 2000).

Drinking water fluoridation is not prohibited in Finland but no municipalities have turned out to be willing to practice it. Water suppliers, naturally, have always been against dosing of fluoride chemicals into water." (Leena Hiisvirta, M.Sc., Chief Engineer, Ministry of Social Affairs and Health, Finland, January 12, 1996.)

"Fluoride chemicals are not included in the list [of 'chemicals for drinking water treatment']. This is due to ethical as well as medical considerations." (Louis Sanchez, Directeur de la Protection de l'Environment, France, August 25, 2000).

"Generally, in Germany fluoridation of drinking water is forbidden. The relevant German law allows exceptions to the fluoridation ban on application. The argumentation of the Federal Ministry of Health against a general permission of fluoridation of drinking water is the problematic nature of compuls[ory] medication." (Gerda Hankel-Khan, Embassy of Federal Republic of Germany, September 16, 1999).

"Fluoride has never been added to the public water supplies in Luxembourg. In our views, the drinking water isn't the suitable way for medicinal treatment and that people needing an addition of fluoride can decide by their own to use the most appropriate way, like the intake of fluoride tablets, to cover their [daily] needs." (JeanMarie RIES, Head, Water Department, Administration De L'Environment, May 3, 2000).

#### References:

National Institutes of Health and Harvard School of Public Health:  
Developmental Fluoride Neurotoxicity: A Systematic Review and Meta-Analysis  
<http://ehp03.niehs.nih.gov/article/info%3Adoi%2F10.1289%2Fehp.1104912>

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23 additional studies that also show the correlation between Fluoride use and lowered IQ.

<http://www.fluoridealert.org/caseagainstfluoride-appendices.html>

Fluoride Salmon Study

<http://sonic.net/kryptox/environ/salmon.htm>

Harvard Medical School: Age-specific Fluoride Exposure in Drinking Water and Osteosarcoma (United States)

<http://www.springerlink.com/content/w51278475h35l456/>

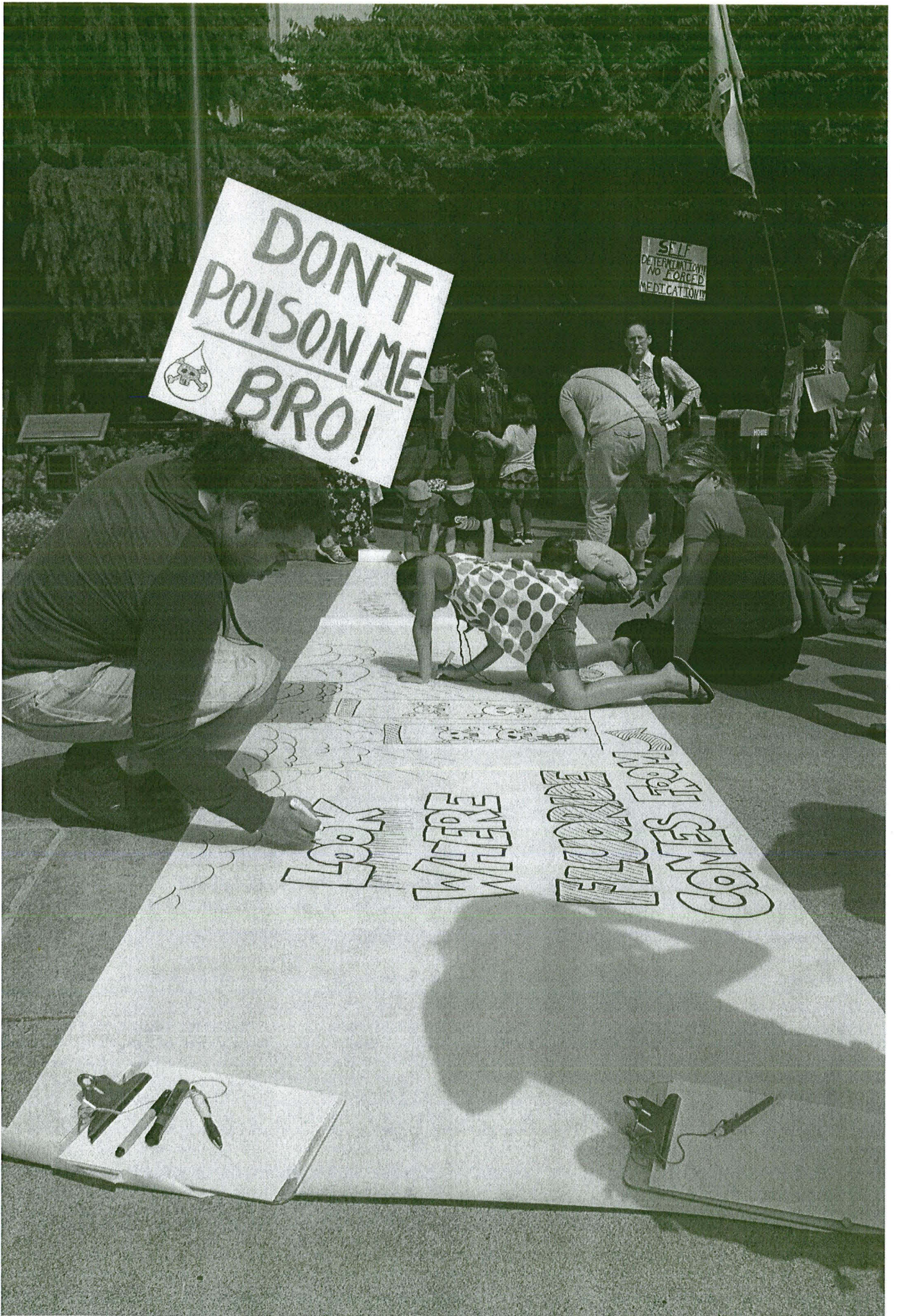
L.A. Times: Fluoride in drinking water

<http://latimesblogs.latimes.com/greenspace/2011/01/fluoride-drinking-water-regulations.html>

BBC News: Belgium bans Fluoride supplements

<http://news.bbc.co.uk/2/hi/health/2161300.stm>



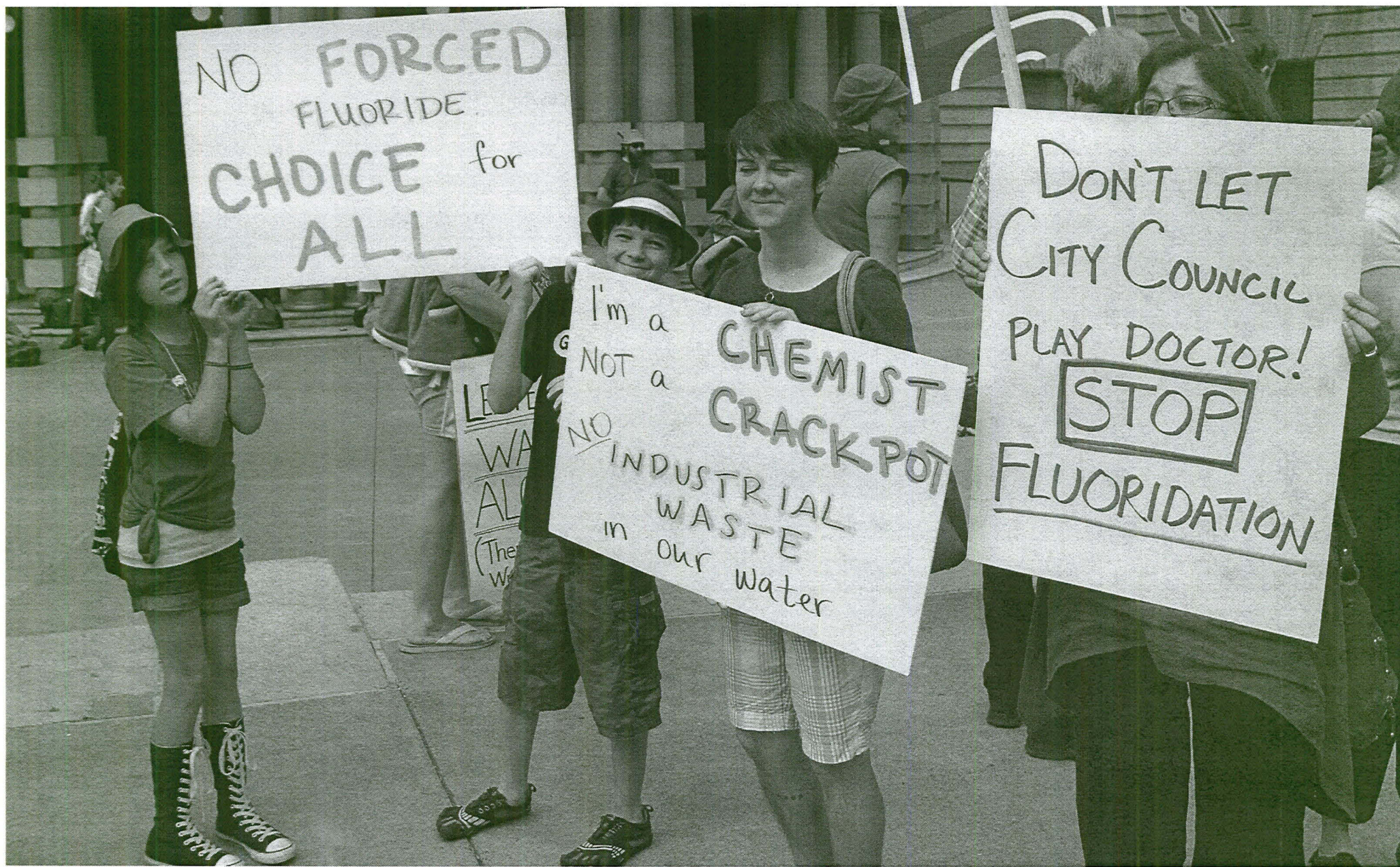


DON'T  
POISON ME  
BRO!

SELF  
DETERMINATION  
NO FORCED  
MEDICATION

LOOK  
WHERE  
FLUXES  
FROM  
COMES  
FROM





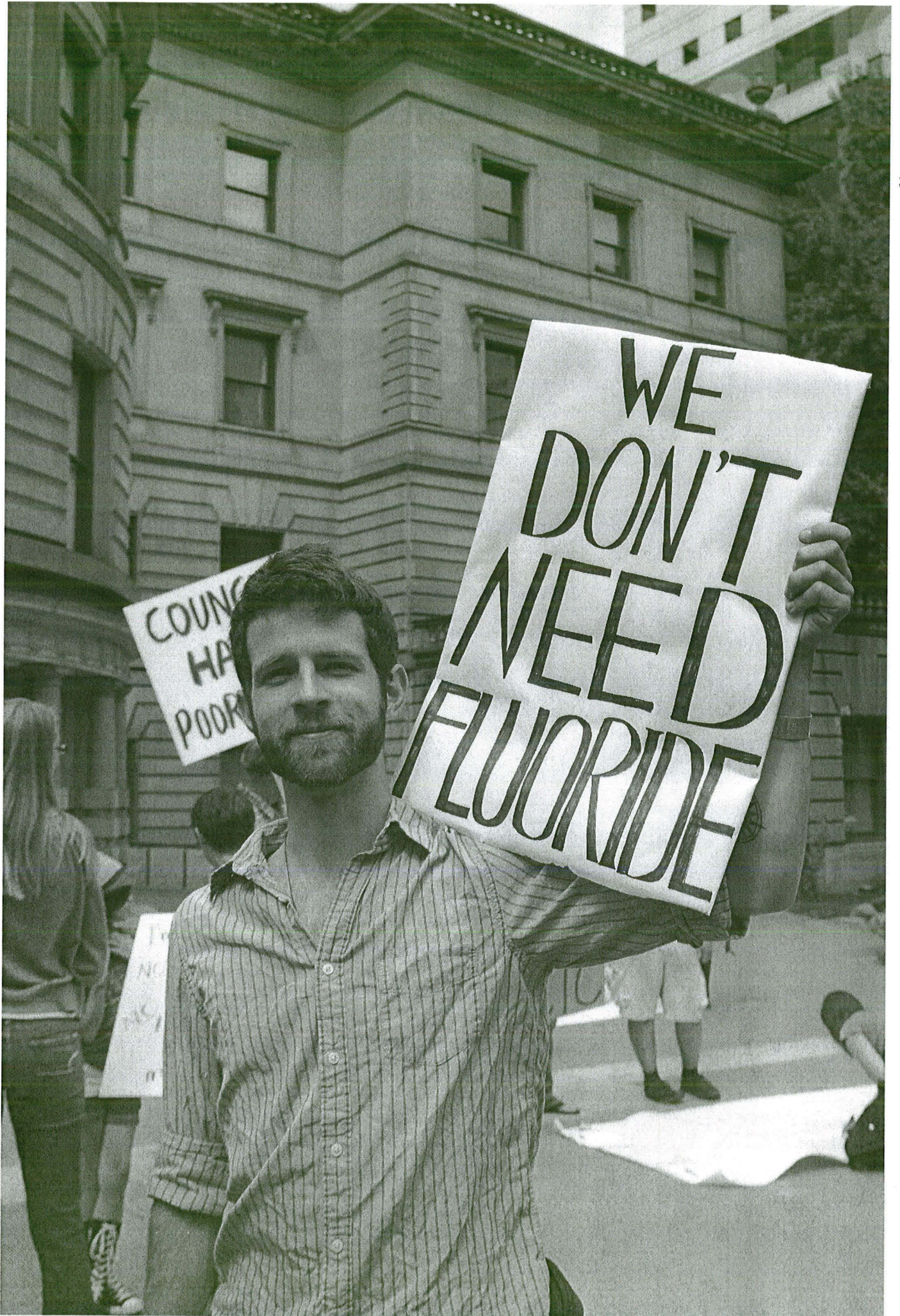
NO FORCED  
FLUORIDE  
CHOICE for  
ALL

I'm a  
NOT a  
CHEMIST  
CRACKPOT  
NO INDUSTRIAL  
WASTE  
in our water

DON'T LET  
CITY COUNCIL  
PLAY DOCTOR!  
**STOP**  
FLUORIDATION

LEAVE  
WA  
AL  
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Wa











185612

**Moore-Love, Karla**

**From:** Teresa Roberts [trecanoe@yahoo.com]  
**Sent:** Tuesday, August 21, 2012 1:08 PM  
**To:** Moore-Love, Karla  
**Subject:** Please Ask City Council Not to Fluoridate Our Water

Thank you for your time on the phone today and being so helpful.

Since attachments are problematic, I am simply submitting a list of anti-fluoride research that I would like put into public record and request each City Council member review before voting. (see below)

I was not aware our City Council were doctors and authorized to medicate the general public, those living downstream, as well as indigenous flora and fauna. Schools have to get parental waivers signed to administer fluoride, and even then the person doing so much have a medical license.

<https://docs.google.com/viewer?>

[a=v&q=cache:LshaHnmU42EJ:www.ocfs.state.ny.us/main/childcare/medical\\_regs/fluoride\\_waiv](https://docs.google.com/viewer?a=v&q=cache:LshaHnmU42EJ:www.ocfs.state.ny.us/main/childcare/medical_regs/fluoride_waiv)

[-w&pli=1](https://docs.google.com/viewer?a=v&q=cache:LshaHnmU42EJ:www.ocfs.state.ny.us/main/childcare/medical_regs/fluoride_waiv-w&pli=1)

I also think it's a joke to listen to anecdotal stories claiming that Portlanders have bad teeth due to lack of fluoride when there is such an obvious lack of vitamin D. Unless I've been lied to all my life, we need vitamin D to build strong teeth and bones.

Did you know cavities can be spread by kissing? I bet our kids don't either. Since City Council just allowed 100 teachers to be laid off, why not rehire a few of them with that \$5M and invest it in education? Why are you medicating instead of educating our kids? And again, who made you doctors?

Finally, did anyone ask the poor? Since you claim to be doing this for them, please check in before you spend that \$5M. I'm pretty sure if the poor have \$5M to spend, it won't be on fluoride. Their primary need is sleep, water, nutrition. You DO know that we need proper nutrition for our teeth.

Thank you for perusing this research.

Please reply with the research you have done. We would like to see your sources and determine if they are credible, as we cannot believe that they are.

Thank you,

Teresa Roberts

Portland Resident

Upstream Public Health Raquel 503.284.6390

Has website & sometimes live person answers, but does not return calls;

appears to be do-gooders paving the road to hell with good intentions on this particular issue.

Everyone Deserves Healthy Teeth Coalition 971.258.1764

When Googled 1<sup>st</sup> week of August (when news story broke), nothing came up but the local news story itself and Nick Fish's office did not have a contact name, there is no website, does not return calls, appears to be an answering machine; perhaps a lobby newly formed for this \$5mil+ contract being fast-tracked?

Noting that more comes up since I started posting this observation. LOL (oh yeah, they said, we need to look real)

RESEARCH WE REQUEST THE CITY COUNCIL AND ADVOCATING LOBBY COALITION CONSIDER:

8/21/2012



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<http://www.hsph.harvard.edu/news/features/features/fluoride-childrens-health-grandjean-choi.html>

<http://www.fluoridealert.org/fluoride-facts.htm>

<http://www.fluoridealert.org/50-reasons.htm>

<http://naturalsociety.com/harvard-study-published-federal-govt-journal-confirms-fluoride-lowers-iq/>

<http://xkcd.com/1096/>

[http://www.nap.edu/catalog.php?record\\_id=11571](http://www.nap.edu/catalog.php?record_id=11571)

[http://www.youtube.com/watch?v=Ly\\_QP4rGczo&feature=relmfu](http://www.youtube.com/watch?v=Ly_QP4rGczo&feature=relmfu)

<http://ehp03.niehs.nih.gov/article/fetchArticle.action?articleURI=info%3Adoi%2F10.1289%2Fehp.1104912>

<http://www.youtube.com/watch?v=lfldJIGk7fg>

<http://www.everydayhealth.com/dental-health/oral-conditions/0401/tooth-alert-are-cavities-contagious.aspx>

Also these Peer Reviewed Articles Showing fluoride is Bad: Most are human and two are animal simply because it is still considered unethical to purposely harm another human even for research.

3 studies (Yu 1996; Du 1992; Han 1989) have found that fluoride accumulates in the brain of the fetus, causing damage to cells and neurotransmitters and 1 study (Li 2004) has found a correlation between exposure to fluoride during fetal development and behavioral deficits among neonates.

Bayley TA, et al. (1990). Fluoride-induced fractures: relation to osteogenic effect. *Journal of Bone and Mineral Research*.5(Suppl 1):S217-22.

Calderon J et al. (2000). Influence of fluoride exposure on reaction time and visuospatial organization in children. *Epidemiology* 11(4):S153.

Du L. 1992. The effect of fluorine on the developing human brain. *Chinese Journal of Pathology* 21(4):218-20 (republished in *Fluoride* 41:327-30)

Freni SC. (1994). Exposure to high fluoride concentrations in drinking water is associated with decreased birth rates. *Journal of Toxicology and Environmental Health*. 42: 109-121.

Juncos LI, Donadio JV. (1972). Renal failure and fluorosis. *Journal of the American Medical Association* 222: 783-5.

Li Y, et al. (2001). Effect of long-term exposure to fluoride in drinking water on risks of bone fractures. *Journal of Bone and Mineral Research* 16: 932-9.

Morgan L, et al. (1998). Investigation of the possible associations between fluorosis, fluoride exposure, and childhood behavior problems. *Pediatric Dentistry*. 20: 244-252. Mullenix P, et al. (1995). Neurotoxicity of sodium fluoride in rats. *Neurotoxicology and Teratology*. 17: 169-177.

Yu Y et al. (1996) Neurotransmitter and receptor changes in the brains of fetuses from areas of endemic fluorosis. *Chinese J Endemiology* 15: 257-259 (republished in *Fluoride* 41(2):134-8).

Zhai JX, et al. (2003). Studies on fluoride concentration and cholinesterase activity in rat hippocampus. *Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi*. 21: 102-4.

Zhao LB, et al (1996). Effect of high-fluoride water supply on children's intelligence. *Fluoride*. 29: 190-192.

Bhatnagar M, et al. (2002). Neurotoxicity of fluoride: neurodegeneration in hippocampus of female mice. *Indian Journal of Experimental Biology*. 40: 546-54.

The more I dig, the worse fluoride looks.

\*Fluoride in any form is more hazardous than lead.

\*They recently lowered the dose from 1.2ppm to 0.7ppm.

\*1ppm = 1mg per liter.

\*If you drink two liters of water you have ingested 1.4mg of fluoride.

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- \*A warning found on some bags have a warning to never exceed 1.5ppm.
- \*Toothpaste commercials show almost 1gram of fluoride applied to a toothbrush.
- \*5-10grams of fluoride is considered a lethal dose on many MSDS documents.
- \*Kids under 2 years of age should not have toothpaste.
- \*Fluoride is added to baby formula.
- \*Kids 2-6 years of age should use no more that a 5mm drop of toothpaste.
- \*Kids must be closely monitored to insure they do not consume more than required for brushing.
- \*If more than 5mm is consumed, you must contact poison control. (says it right on the tube)
- \*Fruits and Vegetables absorb fluoride from pesticides and store it in various amounts.
- \*Juice may contain fluorides.
- \*Coke and Dr. Pepper contain fluoride.
- \*The chemical process used to make Teflon non-stick pans can leach fluorides into your food.
- \*The human body can not remove excess fluorides from our bodies and will accumulate it in our bones and various organs.

If you still think fluoride is good, please go eat some toothpaste as you obviously need more.

**Moore-Love, Karla**

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**From:** Bill Goldman [bgskip@msn.com]  
**Sent:** Saturday, August 18, 2012 1:39 PM  
**To:** Parsons, Susan  
**Cc:** Glenn Goldman  
**Subject:** Elected Officials

I wish to add my voice to those opposing water fluoridation. About 97% of Europeans choose not to use it. The ADA opposes it for since November 2006 babies because it can cause dental fluorosis, a permanent tooth defect that in 50 years since its introduction has risen from 10% of children to 30%. Fluoride in the water accounts for thyroid, brain, bone and kidney damage. It is a by-product of industrial wastes and the lobbies for these companies are probably paying off Council members who vote for the Bill. To learn more, go to

<http://www.fluoridealert.org/opposed-water-fluoridation.aspx>

Bill Goldman, 1500 ne 15 ave, - apt 445, portland, or 97232 ph - 503-568-7653

**Moore-Love, Karla**

185612

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**From:** carol weidig [carol.weidig1@gmail.com]

**Sent:** Wednesday, August 15, 2012 10:06 AM

**To:** Moore-Love, Karla

**Subject:** stop the covering of our reserviors and putting fluoride in our water

how are we to stop the City from covering our reserviors and putting Fluoride in the water...